Z610DL

USER MANUAL

About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Table of Contents

Getting Started 10

Installing a nano-SIM Card and a microSDXC™ Card (Not Included) 10
Charging the Battery 12
Extending the Battery Life 14
Powering Your Phone On/Off 14
Setting Up Your Phone for the First Time 15
Locking/Unlocking the Screen and Keys 15
Using the Touch Screen 16
Getting to Know Your Phone 18
Getting to Know the Home Screen 21

Personalizing 24

Changing the System Language 24
Setting the Date and Time 24
Changing the Ringtone and Notification Sound 25
Turning System Sounds On/Off 26
Adjusting Volumes 26
Switching to Silent or Vibration Mode 26
Using Do Not Disturb Mode 27
Applying New Wallpapers 28
Setting the Theme 29
Setting the Home Screen Transition Effect 29
Changing Screen Brightness 30
Protecting Your Phone With Screen Locks 30

Using Your Fingerprint....31
Protecting Your Phone With Screen Pinning....33

Knowing the Basics....35

Monitoring the Phone Status....35
Managing Notifications....36
Managing Shortcuts and Widgets....40
Organizing With Folders....41
Rearranging the Primary Shortcuts....41
Entering Text....42
Editing Text....46
Opening and Switching Apps....47
Using Two Apps in Split-Screen Mode....48
Uninstalling or Disabling an App....49

Connecting to Networks and Devices....50

Connecting to Mobile Networks....50
Connecting to Wi-Fi....51
Connecting to *Bluetooth* Devices....55
Connecting to Your Computer via USB....57
Using the microSDXC Card as Portable or Phone Storage....59
Sharing Your Mobile Data Connection....62
Connecting to Virtual Private Networks....65

Phone Calls....67

Placing and Ending Calls....67

Answering or Rejecting Calls 68
Working With the Call History 69
Calling Your Contacts 71
Checking Voicemail 72
Using Options During a Call 72
Managing Multi-party Calls 73
Adjusting Your Call Settings 74

Contacts 81

Checking Contact Details 81
Adding a New Contact 81
Setting Up Your Own Profile 82
Importing, Exporting, and Sharing Contacts 82
Working With Favorite Contacts 84
Working With Groups 85
Searching for a Contact 87
Editing Contacts 87

Email 90

Setting Up the First Email Account 90
Checking Your Emails 90
Writing and Sending an Email 91
Responding to an Email 91
Adding and Editing Email Accounts 93
Changing General Email Settings 93

Messages 95

Opening the Messages Screen 95
Sending a Message 95
Replying to a Message.....97
Forwarding a Message.....97
Deleting Messages or Threads.....97
Changing Message Settings.....98

Browser 99

Opening the Browser 99
Configuring the Home Pag 99
Using Multiple Browser Windows.....100
Downloading Files.....100
Changing Browser Settings 101

Camera 102

Capturing a Photo 102
Using Portrait Camera Mode 104
Using Bokeh Camera Mode 105
Using Manual Camera Mode.....105
Using Other Camera Modes.....106
Recording a Video.....107
Customizing Camera and Video Settings.....108

Gallery 110

Opening Gallery.....110
Working With Albums 110
Working With Pictures..... 111

Retouching Your Pictures 112
Making a GIF or a Collage 113
Playing Videos 115

Music 116
Viewing Your Music Library 116
Setting a Song as the Default Ringtone 116
Playing Music 117
Managing Playlists 120

Video Player 121
Opening the Video Library 121
Playing and Controlling Videos 121
Managing Video Files 123

Sound Recorder 125
Recording a Voice Memo 125
Playing a Voice Memo 125

More Apps 126
Calculator 126
Clock 126
Dolby Audio 127
Downloads 128
File Manager 128
Google Apps 129

Settings 131

Wireless & Networks 131
Device 134
Personal 138
System 144

Troubleshooting 146

For Your Safety 151

General Safety 151
Radio Frequency (RF) Energy 152
FCC Regulations 154
Hearing Aid Compatibility (HAC) Regulations for Mobile Phones 155
CTIA Requirements 158
Product Handling 159
Electrical Safety 164
Radio Frequency Interference 165
Explosive Environments 166

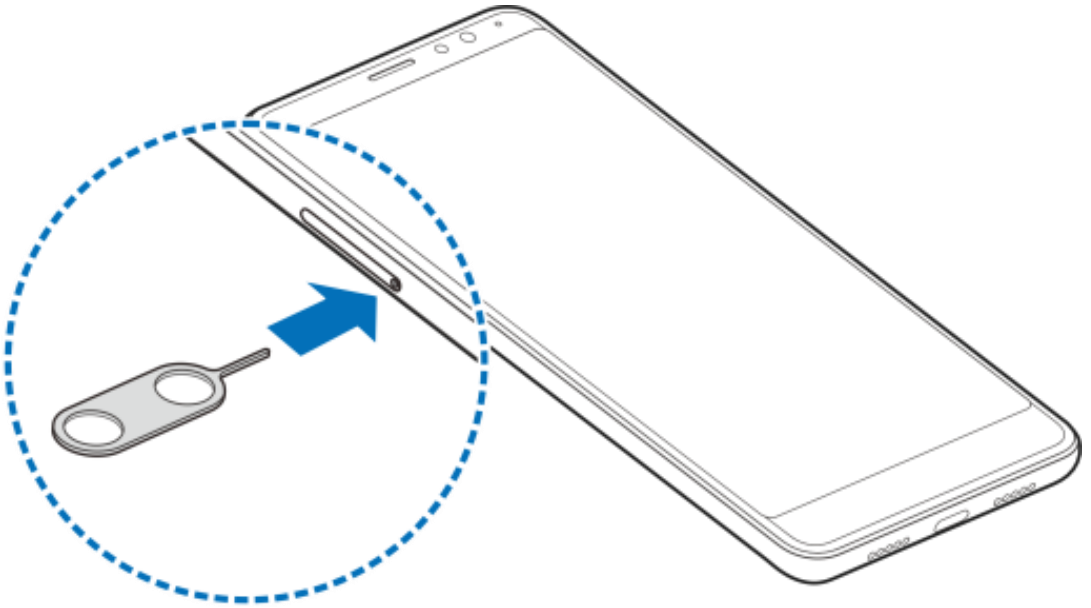
Getting Started

Installing a nano-SIM Card and a microSDXC™ Card (Not Included)

You can use one nano-SIM card and one memory card (optional, not included).The nano-SIM card can be installed or removed while the phone is turned on. Unmount the microSDXC card before removing it (see *Connecting to Networks and Devices – Using the microSDXC Card as Portable or Phone Storage*).

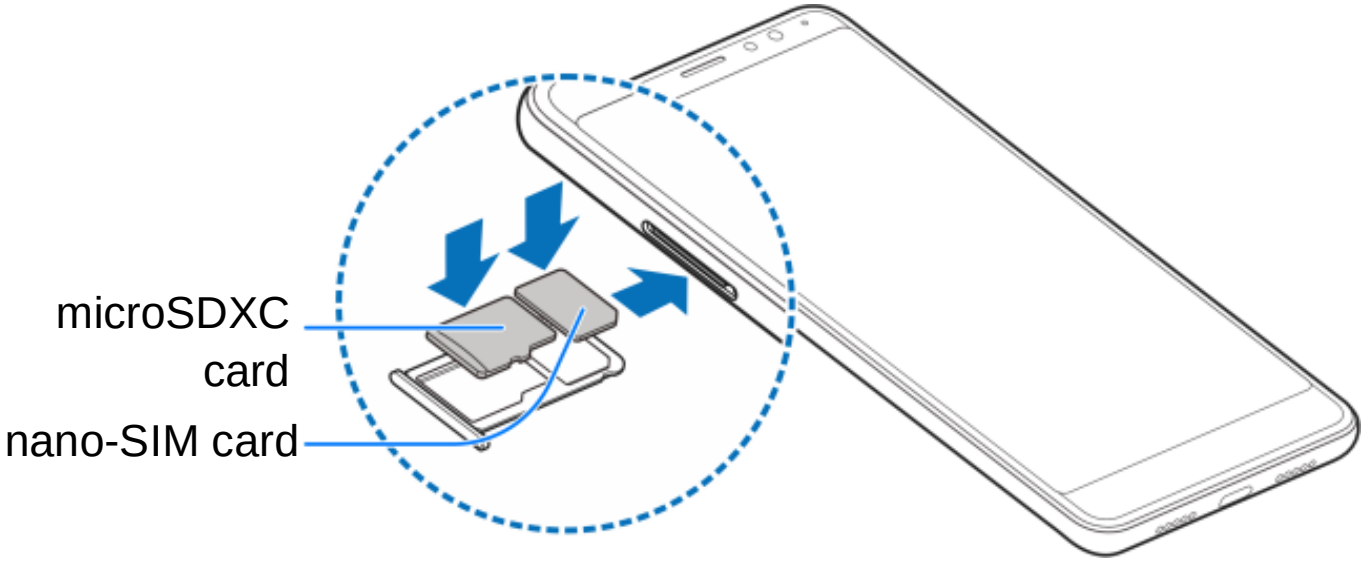
WARNING! To avoid damage to the phone, do not use any other kind of SIM card or any non-standard nano-SIM card cut from a SIM card. You can get a standard nano-SIM card from your service provider.

1. Insert the tip of the tray eject tool into the hole next to the card tray and pull the tray out.



2. Place the nano-SIM card and the microSDXC card on the tray, as shown.

3. Carefully slide the tray back into place.



Charging the Battery

Your phone’s battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

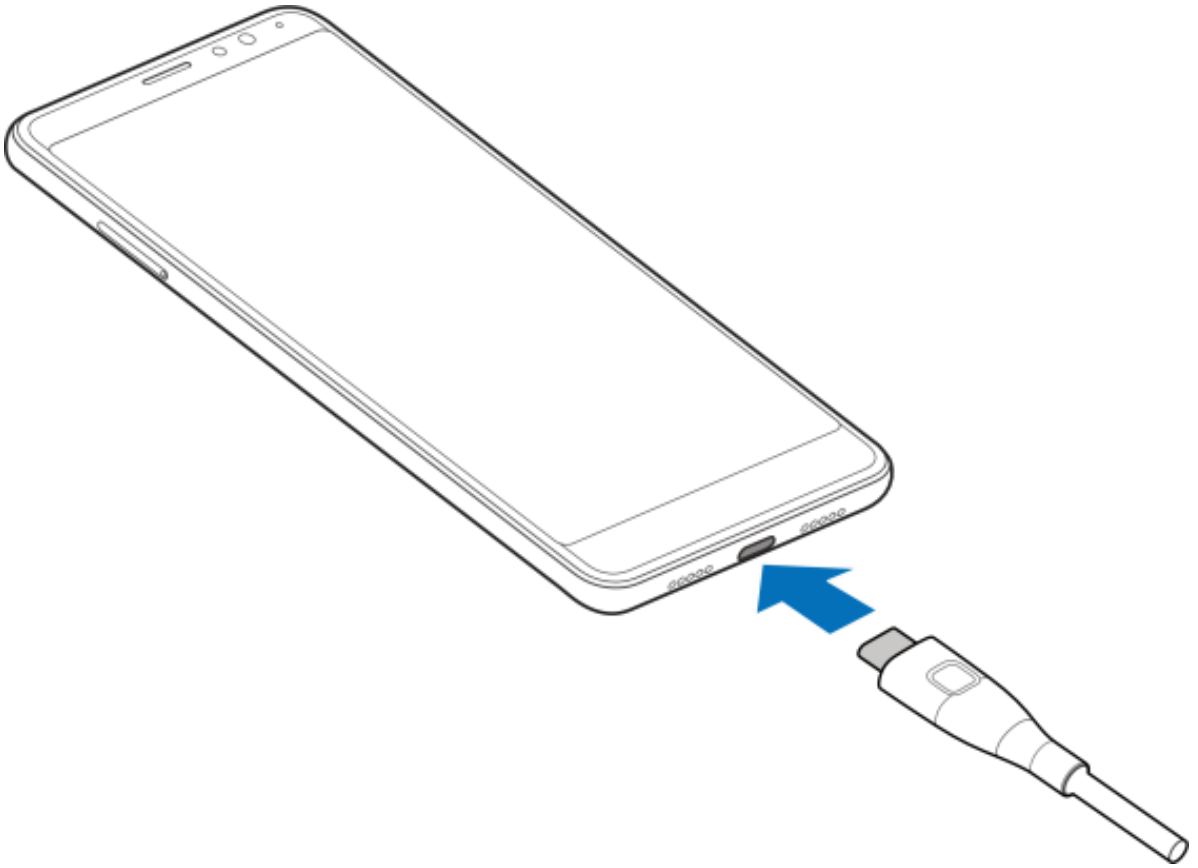
Do not change the built-in rechargeable battery in your phone by yourself. The battery can only be changed by ZTE or a ZTE authorized service provider.

WARNINGS!

- Use only ZTE-approved chargers and USB Type-C™ cables. The use of unapproved accessories could damage your phone or cause the battery to explode.
- Do not remove the back cover. The battery is not removable. Removal may cause fire or explosion.

NOTE: Use the USB Type-C charger that comes in-box with your phone to charge the battery. It’s specially built to support Qualcomm® Quick Charge™ 2.0.

1. Connect the adapter to the charging port.



2. Connect the charger to a standard AC wall outlet. If the phone is on, you'll see a charging icon, such as or , appear in the Status Bar.
3. Disconnect the charger when the battery is fully charged.

NOTE: If the battery is extremely low, you may be unable to power on the phone even when it is being charged. In this case, try again after charging the phone for at least 20 minutes. Contact customer service if you still cannot power on the phone after prolonged charging.

This device contains a non-removable battery. Attempting to remove will void your warranty and could cause serious injury. Do not damage, alter, or try to remove the battery.

Extending the Battery Life

Active applications, screen brightness levels, *Bluetooth* and Wi-Fi usage and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power:

- Use the Battery saver feature in Settings.
- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn auto-sync, Wi-Fi, and *Bluetooth* off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.

Powering Your Phone On/Off

- Press and hold the **Power Key** to turn on your phone.
- To turn it off, press and hold the **Power Key** to open the options menu. Tap **Power off**.

NOTE: If the phone freezes or takes too long to respond, press and hold the **Power Key** for about 10 seconds to restart the phone.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Settings – Personal – Backup & Reset*), you will need to set it up before using it.

1. Tap the language field to select the language you want, and tap **LET'S GO**.
2. Follow the prompts to set up your Wi-Fi connection, Google account, Google services, and other options.

NOTE: Users with low vision can tap **Vision Settings** on the initial setup screen to customize accessibility features.

Locking/Unlocking the Screen and Keys

Your phone allows you to quickly lock the screen and keys (put the phone into Sleep mode) when not in use and also to turn the screen back on and unlock it when you need it.

Locking the Screen and Keys

To quickly turn the screen off and lock the keys, press the **Power Key**.

NOTE: To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

Unlocking the Screen and Keys

1. Press the **Power Key** to turn the screen on.
2. Press and hold an empty area of the screen to unlock the phone, or
   - Press and hold to use Google voice commands.
   - Press and hold to open the camera.
   - Double-tap a notification to open the related app.

NOTE: If you have set a fingerprint, an unlock pattern, a PIN, or a password for your phone (see *Personalizing – Protecting Your Phone With Screen Locks* or *Using Your Fingerprint*), you'll need to press your finger against the fingerprint sensor, draw the pattern, or enter the PIN/password to unlock your screen.

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

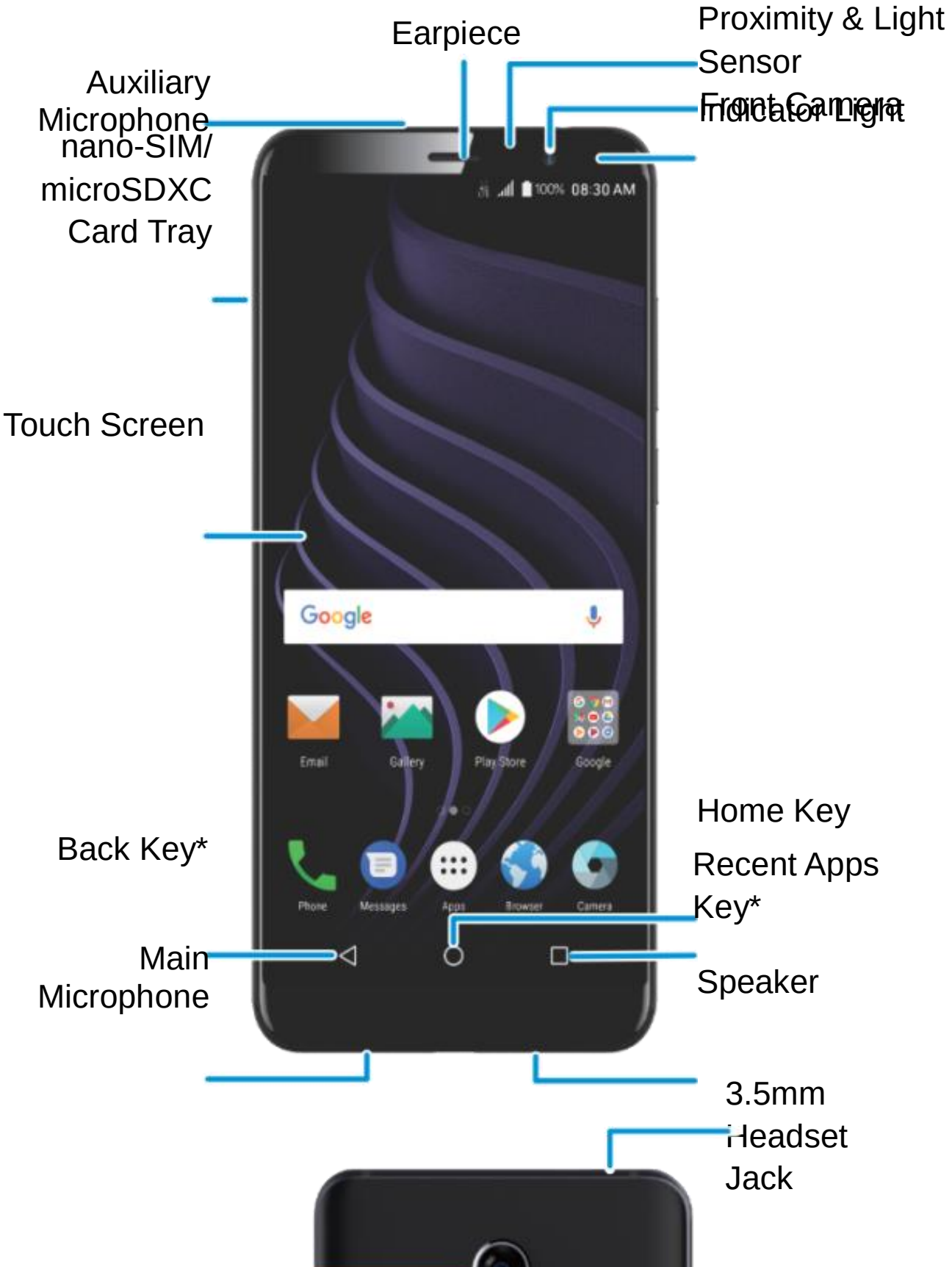
- **Tap** – When you want to type using the on-screen keyboard, select on-screen items (such as application and settings icons), or press on-screen buttons, simply tap them with your finger.

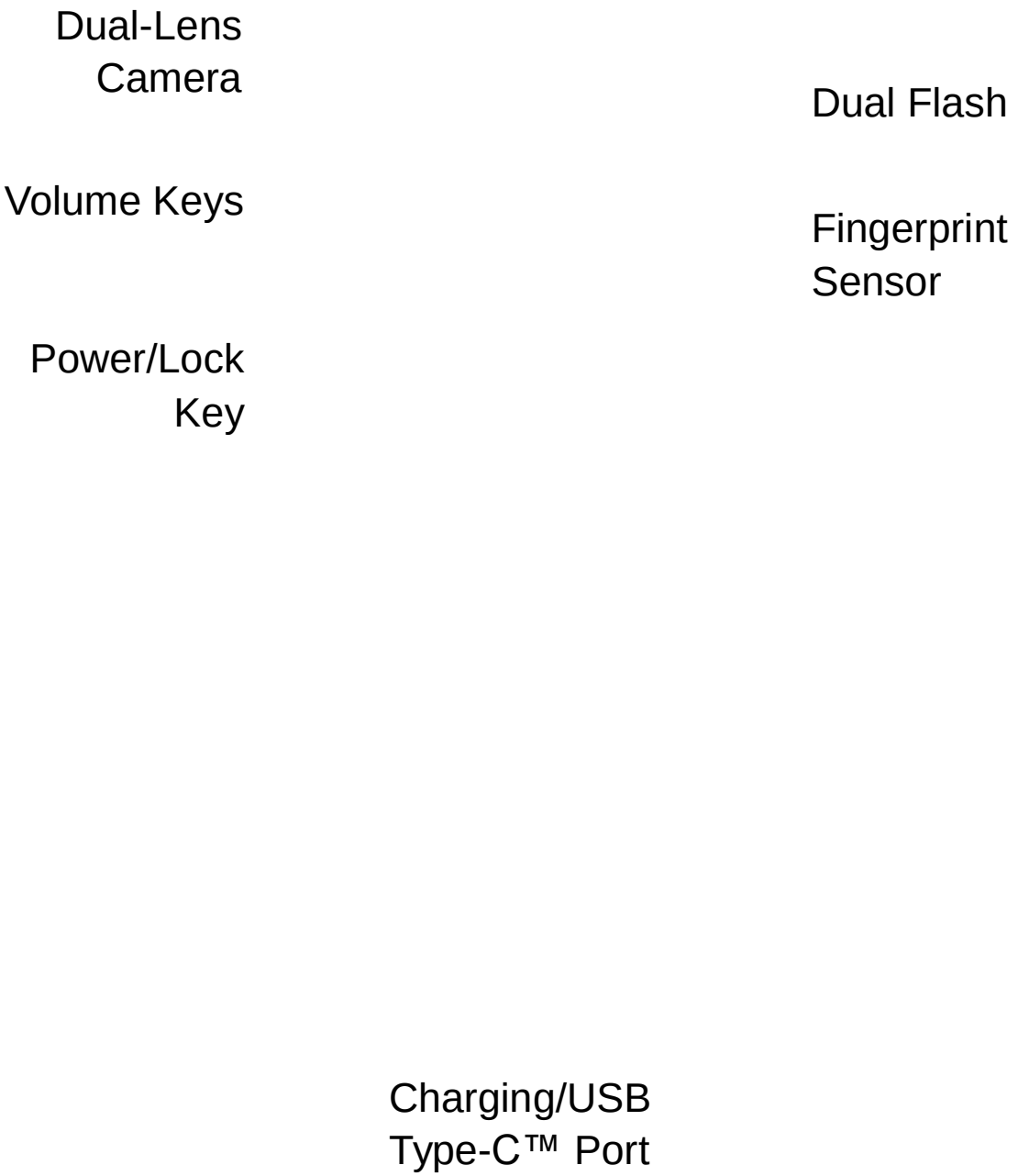
- **Press and Hold** – To open the available options for an item (for example, a message or link in a web page), press and hold the item.
- **Swipe or Slide** – To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.
- **Drag** – To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.
- **Pinch** – In some apps (such as Maps, web browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- **Rotate the Screen** – For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

  NOTES:

  - The Auto-rotate feature needs to be enabled for the screen orientation to automatically change. Tap the **Home Key >** **> Settings > Display > When device is rotated > Rotate the contents of the screen**.
  - You can also access the screen rotation control by sliding down the Status Bar twice and tapping **Auto-rotate** or **Portrait**.

Getting to Know Your Phone





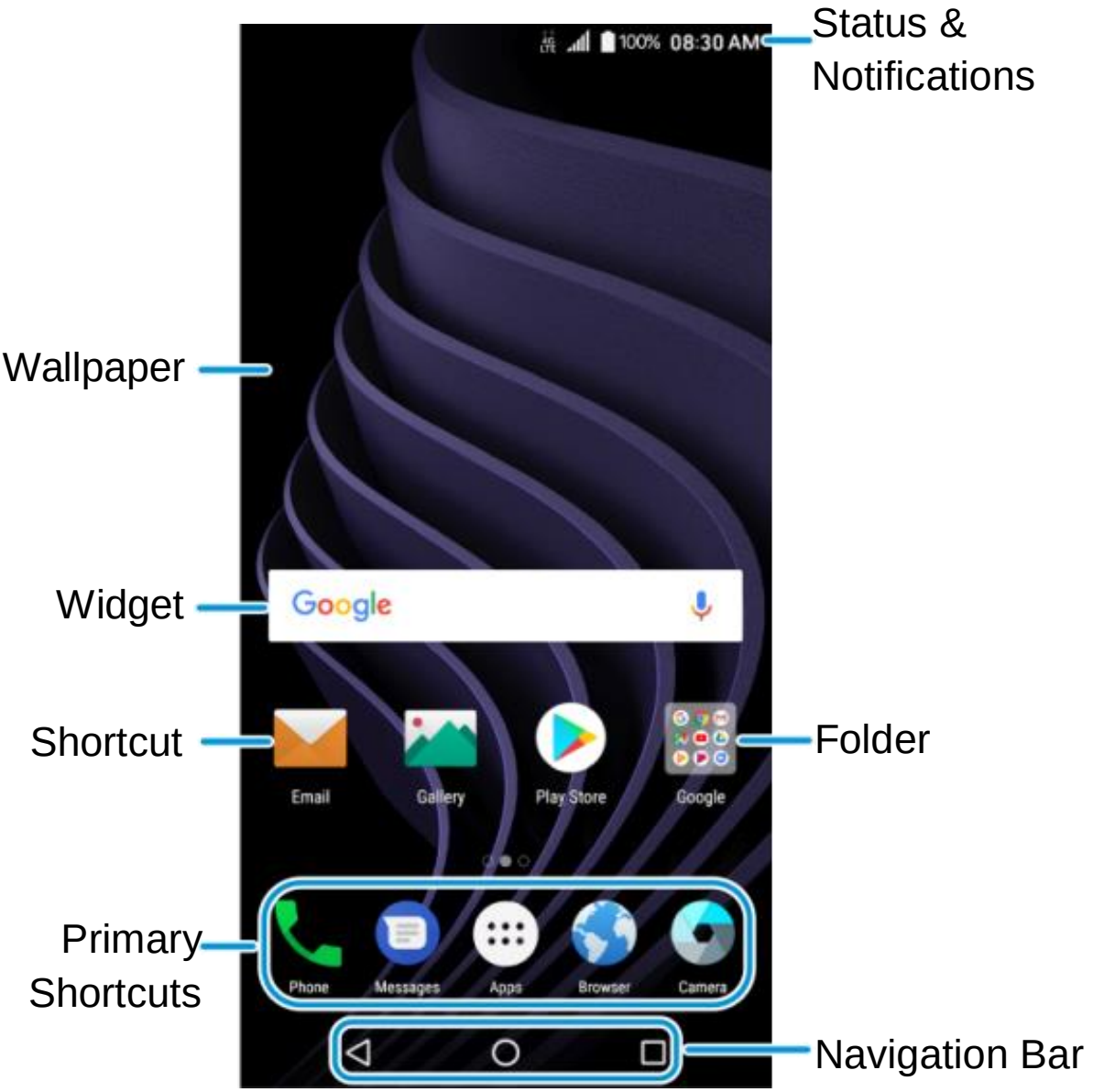
* You can switch the positions of the Back Key and Recent Apps Key. Tap the **Home Key >** **> Settings > Navigation key** and select one option.

Key Functions

Key	Description
Power Key	Press and hold to turn Airplane mode on or off, restart, or power off. Press to change your phone to Sleep mode. Press to wake up your phone.
Home Key	Tap to return to the home screen from any application or screen. Press and hold to access Google Assistant.
Recent Apps Key	Tap to see recently used applications. Double-tap to switch to the most recent application. Press and hold while using an app to activate split-screen mode (see *Knowing the Basics – Using Two Apps in Split-Screen Mode*).
Back Key	Tap to go to the previous screen.
Volume Keys	Press or hold to turn the volume up or down.

Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application icons, shortcuts, folders, widgets, and more.



Extended Home Screen Panels

Your home screen is extendable, providing more space for shortcuts, widgets, and more. Simply swipe left or right on the home screen to see the extended panels. You can add or remove home screen panels, or adjust their order.

To add a new home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Widgets**.
3. Slide the home screen thumbnails left or right and tap .
4. Drag a widget to the new home screen.

To delete a home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Home**.
3. Swipe left or right to view the home screen thumbnails. Tap on the top right corner of a thumbnail.
4. Tap **OK**. The items on the panel will also be removed.

NOTES:

- A home screen panel cannot be left empty. If the icon, widget, or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.
- When there are only three home screen panels, you cannot delete any of them.

To move a home screen panel:

1. Press and hold an empty area of the home screen.
2. Tap **Home**.
3. Swipe left or right to view the home screen thumbnails. Press and hold a thumbnail and drag it left or right to the place you need.

NOTE: Tap at the bottom of a home screen thumbnail to set it as the main home screen.

Personalizing

Changing the System Language

1. Tap the **Home Key >** **> Settings > Language & input > Languages**.
2. If the language you need is not shown in the list, tap **Add a language** and select the one you want.
3. Press and hold next to the language you want to use, and drag it to the top of the list.

NOTE: To remove languages from the list, tap **> Remove** and select the languages you want to delete.

Setting the Date and Time

1. Tap the **Home Key >** **> Settings > Date & time**.
2. Set the date, time, time zone, and time format.
   - To adjust the date and time automatically, tap to turn on **Automatic date & time**.
   - To adjust the date and time manually, tap to turn off **Automatic date & time** and tap **Set date** / **Set time** to change the date and time.
   - To adjust the time zone automatically, tap to turn on **Automatic time zone**.

- To adjust the time zone manually, tap to turn off **Automatic time zone** and tap **Select time zone** to set the correct time zone.
- To adjust the time format, tap to turn on **Use 24-hour format**.

Changing the Ringtone and Notification Sound

You can quickly customize the default ringtone for incoming calls and the default notification sound.

1. Tap the **Home Key >** **> Settings > Sound**.
2. Tap **Phone ringtone** or **Default notification ringtone**.
3. Scroll through the list and select the ringtone you'd like to use.
4. Tap **OK**.

NOTES:

- Many applications have their own notification sound settings.
- See *Contacts – Editing Contacts – Setting a Ringtone for a Contact* for how to assign a special ringtone to an individual contact.
- When selecting ringtones or sounds, tap the **Music** or **Recording** tab to select an audio file saved on the phone or the microSDXC card.

Turning System Sounds On/Off

1. Tap the **Home Key >** **> Settings > Sound > Other sounds**.
2. Tap **Dial pad tones**, **Screen locking sounds**, **Charging sounds**, **Touch sounds**, **Vibrate on tap**, or **Power up tone** to turn each option on or off.

   - or -

   Tap **Emergency tone** and choose an option for emergency tone.

Adjusting Volumes

1. Tap the **Home Key >** **> Settings > Sound**.
2. Drag the sliders below **Media volume**, **Alarm volume**, **Ring volume** and **Notification volume** to adjust the volume for each type of audio.

NOTE: You can adjust the media volume when a media application is in use by pressing the **Volume Keys**. If no media application is active, press the **Volume Keys** to adjust the ringtone volume (or the earpiece volume during a call), or tap and drag a volume slider to adjust other types of volume.

Switching to Silent or Vibration Mode

You can set the phone to silent or vibration mode by using one of the following methods.

- Press the **Volume Keys** when no media application is active to show the volume management window. Drag the slider to the left or keep pressing the **Volume Down Key** to switch the phone to vibration mode. Press the key again in vibration mode to switch the phone to silent mode.
- Swipe down from the top of the screen to open the Notification Panel, and drag the panel downward. Slide left and tap **Sound**, **Vibrate**, or **Silent** to switch the phone to vibration or silent mode or turn on the sound (see *Knowing the Basics – Managing Notifications – Using Quick Settings*).
- Tap the **Home Key >** **> Settings > Sound > Notification mode** and select **Vibrate** or **Mute** to switch to vibration or silent mode.

NOTE: In addition to silent mode and vibration, you can also allow priority apps to send out notifications when you switch the phone to priority interruption mode.

Using Do Not Disturb Mode

You can limit interruptions with Do not disturb mode. This mode silences your phone so that it doesn't make sounds or vibrate when you don't want it to.

Turning on Do not disturb mode

1. Tap the **Home Key >** **> Settings > Sound > Do not disturb**.
2. Tap **Do not disturb** and choose an option:
   - Tap **Never** to disable the feature.

- Tap **Always** to immediately enable the feature.
- Tap **Scheduled** to enable the feature for a selected time period. Under Set schedule, tap **Days**, **Start time**, and **End time** to make selections.

3. If you select Always or Scheduled, tap **Disturb rules** and choose an option:
   - Tap **Priority only** to allow only notifications that you have marked as priority. Set these under Priority interruptions.
   - Tap **Alarms only** to allow only alarms.
   - Tap **Total silence** to block all notifications.

NOTES:

- To set a Do not disturb exception for a specific app, Tap the **Home Key >** **> Settings > Notifications**. Select the app you want, and then tap to enable **Override Do Not Disturb** to allow its notifications in Priority only mode.
- You can also enable Do not disturb mode from the Quick Settings menu. Swipe down twice to open Quick Settings, and then tap **Do not disturb**. Adjust the settings and tap **DONE** when ready or **MORE SETTINGS** for the full menu.
- To quickly turn off Do not disturb mode, press the **Volume Keys** and tap **END NOW**.

Applying New Wallpapers

You can set the wallpaper for the home screen or lock screen.

1. Press and hold an empty place on the home screen.

2. Tap **Wallpapers**.
3. Swipe left or right on the wallpaper panel to select a wallpaper, or tap **GALLERY** to choose the image you want to use as the wallpaper.

NOTES:

- Alternatively, you can tap the **Home Key >** **> Settings > Display > Wallpaper** to pick an image from Gallery, Photos, Wallpapers, or an animation from Live Wallpapers.
- Some cropping may be needed for Gallery and Photos images.

Setting the Theme

1. Press and hold an empty place on the home screen.
2. Tap **Themes**.
3. Tap a theme to select it.

Setting the Home Screen Transition Effect

1. Press and hold an empty place on the home screen.
2. Tap **Home**.
3. Tap an effect and the phone will demonstrate how it works. When you have found one you like, tap the **Home Key** to exit.

Changing Screen Brightness

1. Tap the **Home Key >** **> Settings > Display > Brightness level**.
2. Drag the slider to manually adjust the screen brightness.

NOTE: With the proximity and light sensor, your phone can automatically adjust the screen brightness for available light. Tap **Adaptive brightness** in the Display settings screen to turn the feature on or off.

Protecting Your Phone With Screen Locks

You can protect your phone by creating a screen lock. When it is enabled, you can press and hold a blank area on the lock screen, and then draw a pattern or enter a numeric PIN or a password to unlock the phone's screen and keys.

1. Tap the **Home Key >** **> Settings > Security**.
2. Tap **Screen lock**.
3. Tap **None**, **Long press**, **Pattern**, **PIN**, or **Password**.
    - Tap **None** to disable screen lock protection.
    - Tap **Long press** to enable screen lock and allow unlocking with a "press and hold" gesture. You can unlock the screen by pressing and holding a blank area on the lock screen.
    - Tap **Pattern** to create a pattern that you must draw to unlock the screen.

- Tap **PIN** or **Password** to set a numeric PIN or a password that you must enter to unlock the screen.

4. For Pattern, PIN, or Password lock, select whether to protect your phone by requiring your pattern, PIN, or password before it starts up.

   NOTE: Until your phone starts up, it cannot receive calls, messages, or notifications. When this feature is enabled, you must unlock your phone to allow it to start up.

5. For Pattern, PIN, or Password lock, select how you would like notifications and their contents to show when the phone is locked, and then tap **DONE**.

NOTES:

- Screen lock options are listed in the approximate order of the strength of their security, starting with None and Long press, which provide no security. A pattern provides minimal security, although it can be more convenient than the stronger options.
- Remember the pattern, PIN, or password you set. Otherwise, you will have to upgrade the phone software to use the phone (see *Upgrading the Phone Software*).

Using Your Fingerprint

With the fingerprint sensor on the back of your phone, you can register up to five fingerprints and use them to unlock the phone, or simply press the fingerprint sensor to take photos, answer calls, or open a bound app when the screen is off or locked.

NOTE: The fingerprint feature is available only when a screen

lock (Pattern, PIN, or Password) is enabled. When the screen lock is reset to None or Long press, all registered fingerprints are erased.

Registering a Fingerprint

1. Tap the **Home Key >** **> Settings > Security > Fingerprint**.
2. Enter the screen lock pattern, PIN, or password you set. If you haven't set a screen lock, follow the prompts to set it.
3. Tap **REGISTER** or **Fingerprint > Add fingerprint**.
4. Follow the prompts to record the center and the edges of a finger.
5. Tap **OK**.

NOTE: Tap an existing fingerprint record to change its name or delete it.

Setting Fingerprint Actions

1. Tap the **Home Key >** **> Settings > Security > Fingerprint**.
2. Enter your pattern, PIN, or password.
3. Set the functions as you need:
    - **Shortcut to a favorite app:** Press the fingerprint sensor to open the bound app when the screen is off or locked with a registered fingerprint.
    - **Take photo:** When enabled, press the fingerprint sensor to take a photo when the Camera app is open. No

fingerprint verification is needed.

- **Answer call:** When enabled, press the fingerprint sensor to answer incoming calls. No fingerprint verification is needed.

Protecting Your Phone With Screen Pinning

You can use the screen pinning feature to keep an app in view, so others cannot switch to other apps or access your personal information.

Turning On Screen Pinning

1. Tap the **Home Key >** **> Settings > Security > Screen pinning**.
2. Tap the **On/Off** switch.
3. To add security for unpinning, tap the **Lock device when unpinning** switch, select a security option, and follow the on-screen instructions if you do not already have a pattern, PIN, or password set up.

Pinning a Screen

1. Ensure that screen pinning is turned on.
2. Open the app you want to keep in view.
3. Tap the **Recent Apps Key**.
4. If there are many app tabs, swipe up to find on the

front-most tab.

5. Tap .

Unpinning the Screen

To unpin the screen and return to normal use, press and hold the **Back Key**.

If you enabled the **Lock device when unpinning** option, unlock the screen with your fingerprint, pattern, PIN, or password, depending on your screen lock and fingerprint settings.

Knowing the Basics

Monitoring the Phone Status

The Status Bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means	Indicator	What it means
E / 1x	2G connected		No signal
4G / 3G	3G connected		Signal strength
4G LTE	4G LTE™ connected		Mobile data in use
	Do not disturb mode on (Alarms only or Priority only)		Airplane mode
	Do not disturb mode on (Total silence)		*Bluetooth* on
	Vibration on		Connected to a Wi-Fi network
	Ringer off		Wi-Fi in use
/	Battery low / Battery full		Portable Wi-Fi hotspot on

Indicator	What it means	Indicator	What it means
	Battery saver		Speakerphone on
	Battery charging		Phone microphone off
	Alarm set		GPS on
	Wired headset connected		

Managing Notifications

Notification Icons

The Status Bar at the top of the home screen provides notification icons on the left side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means	Indicator	What it means
	New SMS / MMS		microSDXC card mounted
	New email message(s)		New Wi-Fi network detected
	New Gmail message(s)		Downloading / sending data

Indicator	What it means	Indicator	What it means
	Missed call		USB connected
	Call in progress		Song playing

Opening/Closing the Notification Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events. You can open the Notification Panel to view the details of notifications.

- To open the Notification Panel, swipe your finger down on the home screen or from the top of the screen.
- To close the Notification Panel, swipe your finger up on the screen or tap the **Back Key**.

Responding to or Removing a Notification

In the Notification Panel, you can respond to a notification or remove the notifications. The Notification Panel also supports expandable notifications that let you perform additional actions right from the notification itself.

- To respond to a notification, tap it.
- Slide down with one finger to expand certain notifications. You can also swipe two fingers vertically or pinch-zoom to

expand or collapse certain notifications, or tap ⌄/⌃ to expand or collapse certain notifications and bundled notifications.

- To remove a notification, swipe it left or right.
- To remove all nonpersistent notifications, tap **CLEAR ALL** at the end of the list of notifications. (Some notifications are persistent and cannot be removed until you tap them.)
- To manage notifications, press and hold a notification and tap **MORE SETTINGS**. You can then configure the notification settings of the app that created it. The options may include the following:
  - **Block all:** Hide future notifications from the app.
  - **Show silently:** Do not allow the app's notifications to make sound, vibrate, or appear briefly on screen.
  - **On the lock screen:** Show, hide all, or hide sensitive contents of the app's notifications on the lock screen.
  - **Override Do Not Disturb:** Allow this app's notifications when Do not disturb mode is on and set to Priority only.

NOTE: If you block notifications for an app, you may miss its important alerts and updates. The notifications of some apps cannot be blocked.

Using Quick Settings

The Quick Settings make it convenient to view or change the most common settings for your phone.

Open the Notification Panel and you can find a few Quick

Settings on the top. To open the Quick Settings Panel and find all setting tiles, drag the Notification Panel downward, or swipe down from the top of the screen with two fingers.

NOTES:

- Swipe left on the Quick Settings Panel to view more tiles.
- At the top of the Quick Settings Panel, tap to open the full Settings menu.

To turn settings on or off quickly:

1. With two fingers, swipe down from the top of the screen to open the Quick Settings Panel.
2. Tap a Quick Settings tile to turn that setting on or off. Press and hold certain tiles to access more setting options. (For example, press and hold the Wi-Fi tile to open the Wi-Fi menu in settings.)

To customize the Quick Settings Panel:

You can add, remove, or rearrange the tiles on the Quick Settings Panel.

1. Open the Quick Settings Panel.
2. Tap at the top of the panel, and then try the following options to manage your Quick Settings tiles:
    - To move a tile, press and hold it and drag it to the position you want.
    - To hide a tile, press and hold it and drag it down to **Drag here to remove**.
    - To add a tile, press and hold a tile under **Drag to add tiles** and drag it up to the main Quick Settings Panel.

NOTE: On the Quick Settings Panel, tap at the top to get to the Settings menu.

Managing Shortcuts and Widgets

Adding Shortcuts and Widgets

1. Tap the **Home Key >** to view apps.

   Or, to view widgets, press and hold an empty area of the home screen and tap **Widgets**.
2. Slide up or down to browse the available apps; slide left or right to browse the available widgets.
3. Press and hold a widget or an app icon and drag it to a home screen panel.

NOTE: While dragging the item, you can take it to the right edge of the screen to create a new home screen panel. Release the item to place it on the new panel.

Moving Shortcuts or Widgets

1. Press and hold a shortcut or widget on the home screen.
2. Drag it to the place you need.

Removing Shortcuts or Widgets

1. Press and hold a shortcut or widget on the home screen.
2. Drag it to to remove it.

Adjusting Widget Size

1. Press and hold a widget on the home screen, and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Organizing With Folders

You can create folders on the home screen and add shortcuts to them.
You can move or remove folders the same way as moving or removing shortcuts.

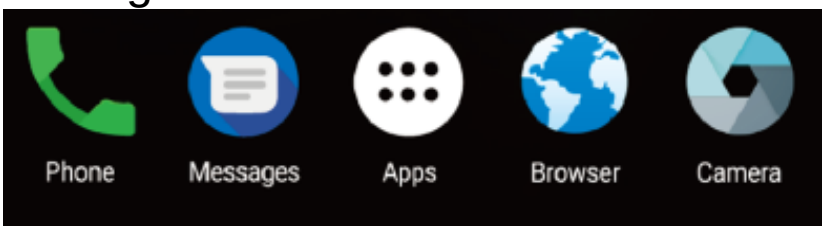
1. Press and hold a shortcut on the home screen and drag it to at the top left.
2. Release the shortcut. A new folder will be created with the shortcut inside.
3. To add more shortcuts to the folder, press and hold each shortcut and drag it over the folder before releasing it.

NOTE: Tap the folder and then tap the name field to rename the folder.

Rearranging the Primary Shortcuts

The customizable primary shortcuts area at the bottom of the home screen remains the same on every home screen panel. You can keep up to four items (in addition to Apps) in the primary

shortcuts area. Drag shortcuts or folders in or out of the area.



Entering Text

You can enter text using the on-screen keyboard. Some apps open it automatically. In others, you open it by tapping where you want to type. You can tap the **Back Key** to hide the on-screen keyboard. You can also enter text by speaking with the Google voice typing feature.

Enabling or Disabling Input Methods

1. Tap the **Home Key >** **> Settings > Languages & input > Virtual keyboard > Manage keyboards**.
2. Tap the switches beside the input methods to enable or disable them as options for entering text.

NOTE: Some default input methods may not be disabled.

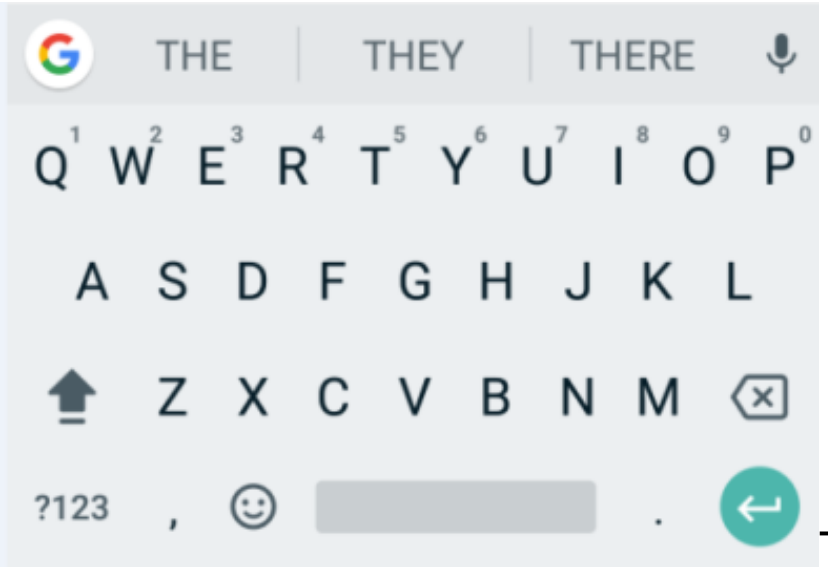
Changing Input Methods

1. When you use the on-screen keyboard to enter text, the icon appears at the bottom of the screen.
2. Tap .
3. Select the input method you need.

NOTE: The icon appears only when more than one input method is installed and enabled.

Google Keyboard

The Google Keyboard provides a layout similar to a desktop computer keyboard. When screen auto-rotation is enabled, turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.

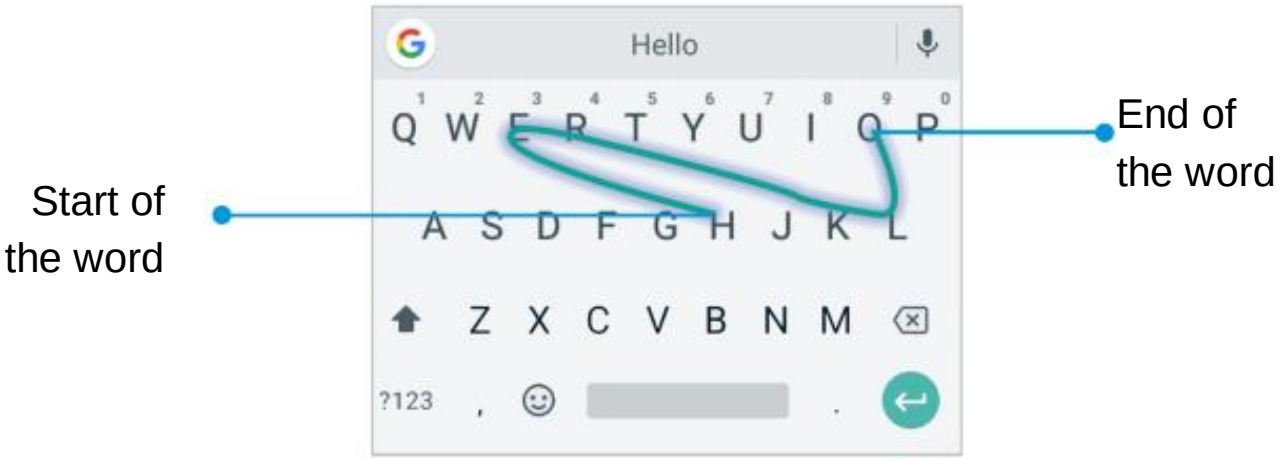
- 

Tap the alphabetic keys to enter letters. Press and hold some specific keys to enter associated accented letters or numbers. For example, to enter É, press and hold E and the available accented letters and number 3 appear. Then slide to choose **É**.
- As you enter a word, suggestions appear above the keyboard. Tap one to select it. (You can drag a word to to remove it from the list of possible suggestions.)

- Tap to use uppercase. Double-tap to lock uppercase. This key also changes to indicate the current case you are using: for lowercase, for uppercase, and when locked in uppercase.
- Tap to delete the text before the cursor.
- Tap to select numbers and symbols. You can then tap to find more, or tap to choose emoji and emoticons.
- Tap to use Google voice typing.
- Press and hold to change the input language or set up the Google Keyboard.
- Press and hold and slide to to change to a smaller keyboard for easier one-handed typing. Tap / to switch to the right-hand or left-hand keyboard, respectively. Tap to switch back to the full-sized keyboard.

Glide typing

The Google Keyboard supports the gesture-typing feature. Use this feature to input a word by sliding from letter to letter on the keyboard.



To enable and use glide typing:

1. Press and hold , on the Google Keyboard, and then tap **Google Keyboard settings**.
2. Tap **Glide typing > Enable glide typing** if this feature is turned off.
3. On the Google Keyboard, slide your finger from letter to letter to trace a word without lifting the finger until you reach the end of the word.

NOTES:

- Tap to type when you want to. If you want to enter a single letter, simply tap the key once.
- Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.

Google Voice Typing

Google voice typing uses the Google voice recognition service to convert speech to text. You must have a data connection on a mobile or Wi-Fi network to use it.

1. Tap to access the voice-typing feature when you are using the Google Keyboard.
2. When you see the microphone image, speak what you want to type.
3. You can continue entering text or tap an underlined word to change or delete it.

NOTE: Say "comma," "period," "question mark," "exclamation mark," or "exclamation point" to enter punctuation.

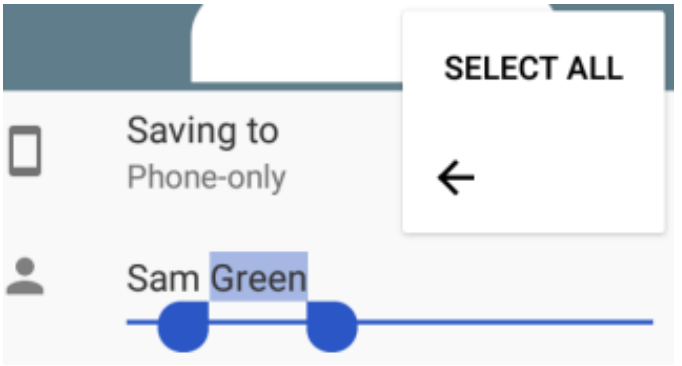
Input Method Settings

Choose the input method settings by tapping the **Home Key >** **> Settings > Languages & input > Virtual keyboard**. You can set the current input method and choose the settings for input methods.

Editing Text

- **Move the insertion point:** Tap where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.
- **Select text:** Press and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection. Tap **> SELECT ALL** to select all the text, tap **SHARE** and choose an option.
- **Cut or copy:** Select the text you want to manipulate. Then tap **CUT** or **COPY** to cut or copy the text to the clipboard.

- **Replace text with the clipboard text:** Select the text you want to replace. Then tap **PASTE**.
- **Insert clipboard text to the text field:** Tap the tab below the cursor. Then tap **PASTE**.
- **Share text:** Select the text you want to share, tap **SHARE**, and select a method.



Opening and Switching Apps

Opening an App

1. Tap the **Home Key >** to open the application list, where you can find all of the apps on your phone.

2. Slide up or down on the screen to view all of the apps. Tap an app to open it.

NOTE: Drag the slider on the right side of the screen to the initial letter of the app you need, or tap the search field at the top to search for apps.

Switching Between Recently Opened Apps

1. Tap the **Recent Apps Key**. The apps you've used recently are displayed in a series of tabs. Swipe up and down to see all the tabs.
2. Tap a tab to open that app.

NOTES:

- You can swipe a tab left or right or tap ✕ on the corner of the tab to remove it from the list. Tap **Clear all** to remove all tabs.
- Double-tap the **Recent Apps Key** to quickly switch between the two most recently used apps.

Using Two Apps in Split-Screen Mode

You can work with two apps at the same time in split-screen mode.

NOTE: Not all apps support split-screen mode.

Method one:

1. Tap the **Recent Apps Key** to view your recently used apps.
2. Press and hold the tab of the first app you want to use, and then drag it to **Drag here to use split screen**.
3. If the second app you want to use is in the recent apps list, tap its tab. If not, tap the **Home Key >** to find and open the app you need.

Method two:

1. Open the first app you want to use, and then press and hold the **Recent Apps Key**.
2. Find and open the second app you want to use, either by tapping the **Recent Apps Key** and tapping a tab or by tapping the **Home Key >** .

To turn off split-screen mode, drag to the top or bottom of the screen.

Uninstalling or Disabling an App

1. Tap the **Home Key >** to open the application list.
2. Press and hold an app icon, and drag it to or at the top of the screen.
3. Tap **OK** to uninstall or disable the app.

NOTES:

- Not all apps cannot be uninstalled or disabled.
- To find the disabled applications, tap the **Home Key >** **> Settings > Apps**. Tap **All apps** and select **Disabled**. You can then tap a disabled app and tap **ENABLE** to restore it.

Connecting to Networks and Devices

Connecting to Mobile Networks

Controlling Mobile Data Use

To enable or disable data access:

1. Tap the **Home Key >** **> Settings > Mobile networks > Mobile Networks**.
2. Slide the **Mobile Data** switch to enable or disable mobile data use.

To get data services when roaming:

1. Tap the **Home Key >** **> Settings > Mobile networks > International Data Roaming**.
2. Slide the **Mobile Data** switch to enable or disable roaming.

NOTE: Data roaming may incur significant roaming charges.

Selecting Preferred Network Type

1. Tap the **Home Key >** **> Settings > Mobile networks > Preferred network type**.
2. Tap the type of network you prefer to connect to.

NOTE: The **Preferred network type** option is displayed only when this feature is available. Please check with your operator whether this feature is available.

Checking Access Point Names

You can use the default Access Point Names (APNs) to connect to the Internet. Tap the **Home Key >** **> Settings > Mobile networks > Access Point Names** to check the default APN.

NOTE: To set the APN to default settings, tap **> Reset to default**.

Connecting to Wi-Fi

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 300 feet (100 meters), depending on the Wi-Fi router and your surroundings.

Turning Wi-Fi On and Connecting to a Wi-Fi Network

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position to turn on Wi-Fi.
3. Tap a network name to connect to it.
4. If the network is secured, enter the password and tap **CONNECT**.

NOTE: Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Getting Notified of Open Networks

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Tap .
4. Slide the **Network notification** switch to enable notifications.

When Wi-Fi is on, you receive notifications in the Status Bar when your phone detects an open Wi-Fi network. Slide the **Network notification** switch to turn off notifications.

Adding a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID), when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. At the bottom of the list of available Wi-Fi networks, tap **Add network**.
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Tap **SAVE**.

Forgetting a Wi-Fi Network

You can make your phone forget the details of a Wi-Fi network that you added - for example, if you don’t want the

phone to connect to it automatically or if it is a network that you no longer use.

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Tap the Wi-Fi network name and then tap **FORGET**.

NOTE: If the Wi-Fi network you want to forget is not in the current list, tap **> Saved networks** for more.

Connecting to a WPS Network

Wi-Fi Protected Setup (WPS) is a feature that makes it easy to add your phone to the access points which support WPS.

You can use one of the following methods to connect your phone to a wireless network using WPS.

Method one: WPS button (Recommended)

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Tap **> Advanced > WPS Push Button**.
4. Press the WPS button on the access point, and it will recognize your phone and add it to the network.

Method two: PIN

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Tap **> Advanced > WPS Pin Entry**.

4. The WPS PIN displays on the screen. Enter the PIN into the access point's setup page.

After entering the PIN, your phone automatically finds the access point and configures the connection.

NOTE: For detailed information about the WPS feature of the access point, please refer to its documentation.

Adjusting Advanced Wi-Fi Settings

1. Tap the **Home Key >** **> Settings > Wi-Fi**.
2. Tap to adjust the following settings.
   - **Network notification:** Get notifications in the Status Bar when Wi-Fi is on and an open network is available.
   - **Keep Wi-Fi on during sleep:** Choose whether to keep Wi-Fi on in sleep mode.
   - **MAC address:** Check the MAC address.
   - **IP address:** Check the phone’s IP address.

   - or -

   Tap **> Advanced** to adjust the following settings.
   - **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.
   - **WPS Push Button:** Connect to a WPS network via the push button method.
   - **WPS Pin Entry:** Connect to a WPS network via the phone PIN method.

Connecting to *Bluetooth* Devices

Bluetooth is a short-range wireless communication technology. Phones or other devices with *Bluetooth* capabilities can exchange information wirelessly within a distance of about 30 feet (10 meters). The *Bluetooth* devices must be paired before the communication is performed.

Turning *Bluetooth* On/Off

1. Tap the **Home Key >** **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** or **Off** position.

When *Bluetooth* is on, the icon appears in the Status Bar.

Changing the Device Name

1. Tap the **Home Key >** **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** position if *Bluetooth* is off.
3. Tap **> Rename this device**.
4. Edit the name and tap **RENAME**.

Pairing With Another *Bluetooth* Device

1. Tap the **Home Key >** **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** position if *Bluetooth* is off.

Your phone automatically scans for and displays the IDs of all available *Bluetooth* devices in range. Tap **> Refresh** if you want to scan again.

3. Tap the device you want to pair with.
4. If necessary, confirm that the *Bluetooth* passkeys are the same between the two devices and tap **PAIR**. Alternatively, enter a *Bluetooth* passkey and tap **PAIR**.

   Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.

NOTE: The *Bluetooth* passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys), or refer to the documents for that device.

Forgetting a *Bluetooth* Device

You can make your phone forget its pairing connection with another *Bluetooth* device. To connect to the device again, you must search for it and may need to enter or confirm a passkey again.

1. Tap the **Home Key >** **> Settings > Bluetooth** and ensure that *Bluetooth* is turned on.
2. In the list of paired devices, tap beside the *Bluetooth* device you want to forget.
3. Tap **FORGET**.

Sending Data via *Bluetooth*

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via *Bluetooth*. The method may vary by application and data type.
3. Tap a *Bluetooth* device the phone has paired with or wait for it to search for new devices and tap one of them.

Receiving Data via *Bluetooth*

1. Turn *Bluetooth* on before trying to receive data via *Bluetooth*.
2. When prompted, tap **ACCEPT** to start receiving the data. Swipe down on the Status Bar to locate the prompt, if needed.

Received files are stored automatically in a dedicated folder (*Bluetooth*, for instance) in the phone storage or microSDXC card. You can access them in the File Manager app.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in the internal storage or on a removable microSDXC card.

Connecting Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB cable.

2. Your **Connect to PC** options menu will automatically open, or you can open the Notification Panel and tap .
3. Choose one of the following options:
    - **Charge only:** Charge your phone via USB.
    - **Install driver:** Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.

      NOTE: You can also install the driver on PC by running the executable file in the new CD-ROM drive.
    - **Media device (MTP):** Transfer files on Windows®, or use Android™ File Transfer on Mac®.
      NOTE: For Windows XP, install the drivers and Windows Media® Player 11 (or later version) when you use Media device (MTP) for the first time.
    - **Camera (PTP):** Transfer photos using camera software.

NOTE: To make your phone connect to the computer automatically using the selected connection type, check **Don’t ask me again**.

Disconnecting Your Phone From the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you’re finished.

Using the microSDXC Card as Portable or Phone Storage

You can use your microSDXC card as portable storage to save photos, music, videos, downloaded files, and more.

If your microSDXC card is new or doesn't have content you want to keep, you can also set it up as an extension of the phone storage (this requires formatting that prevents the microSDXC card from working with other devices).

CAUTION: As part of the phone storage, the microSDXC card may have data on it that is necessary for some apps to function normally. Therefore, do not remove or replace the card randomly.

Setting Up the microSDXC Card as Portable Storage

When you install a microSDXC card that has not been used on your phone before, the phone will mount the card as portable storage by default.

To remove the microSDXC card from your phone:

If you need to remove the microSDXC card used as portable storage while the phone is on, you must unmount it first.

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap next to the microSDXC card name in the Portable storage section.

3. When the screen prompts the card is safely ejected, you can remove it from the phone.

To erase and format the microSDXC card:

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap the microSDXC card name in the Portable storage section.
3. Tap **Format**.
4. Tap **ERASE & FORMAT**.

CAUTION: The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.

Setting Up the microSDXC Card as Phone Storage

If your microSDXC card is new or doesn't have content you want to keep, you can format the card for use as part of the phone storage. If you move the microSDXC card to another device, it will need to be formatted before it can be used.

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap the microSDXC card name in the Portable storage section.
3. Tap **Format as internal**.
4. Tap **ERASE & FORMAT**.

   CAUTION: The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be

retrieved.

5. The phone will prompt you to move your photos, files and other data from the internal storage to the microSDXC card. Select **Move now** or **Move later** and tap **NEXT**. Follow the on-screen instructions to continue.

To move data between the internal storage and the microSDXC card:

With the microSDXC card as part of the phone storage, you can move your photos, files, and other data between the internal storage and the card at any time.

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap **Internal shared storage** or the microSDXC card name.
3. Tap **Migrate data**.
4. Tap **MOVE**.

NOTE: Whenever you move data between the internal storage and the microSDXC card, the destination is used to save new apps and personal data (such as photos and videos) and only the destination is accessible from a computer.

To remove the microSDXC card from your phone:

If you need to remove the microSDXC card used as phone storage while the phone is on, you must unmount it first.

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap your microSDXC card name.
3. Tap **Remove SD card**.
   NOTE: Before ejecting the card, ensure that you have moved

data and apps to the internal storage.

4. Tap **EJECT**.
5. When the screen prompts the card is safely ejected, you can remove it from the phone.

To reformat the microSDXC card as portable storage:

If you no longer want to use your microSDXC card as phone storage, you can reformat the card as portable storage.

NOTE: Before the formatting, ensure that you have moved data and apps to the internal storage.

1. Tap the **Home Key >** **> Settings > Storage**.
2. Tap your microSDXC card name.
3. Tap **Format as portable**.
4. Tap **FORMAT**.

CAUTION: The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.

Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the mobile hotspot feature to create a Wi-Fi hotspot.

Sharing Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB

tethering feature of your phone. This feature requires a data connection on a mobile network and may result in data charges.

NOTE: You cannot transfer files between your phone and your computer when the phone is USB tethered.

1. Connect your phone to your computer with a USB cable.
2. Tap the **Home Key >** **> Settings > More**.
3. Switch on **USB tethering**. A new network connection will be created on your computer.

NOTE: To stop sharing your data connection, switch off **USB tethering** or disconnect the USB cable.

Sharing Mobile Data Through a Wi-Fi Hotspot

You can share your phone's data connection with other devices by turning your phone into a portable Wi-Fi hotspot. The feature requires a data connection on a mobile network and may result in data charges.

NOTE: When the portable Wi-Fi hotspot feature is enabled, you cannot use your phone's Wi-Fi capability to access the Internet. You still remain connected to the Internet via your mobile data network.

1. Tap the **Home Key >** **> Settings > Wi-Fi hotspot**.
2. Slide the switch to the **On** position. (If Wi-Fi was on, tap **OK** to turn it off.)

   After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).

3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

NOTE: To stop sharing your data connection, slide the switch to the **Off** position.

Setting Up Your Wi-Fi Hotspot

You can change your phone's Wi-Fi network name (SSID), secure your portable Wi-Fi hotspot, and set other options.

1. Tap the **Home Key >** **> Settings > Wi-Fi hotspot**.
2. Tap an option to configure settings.
    - **Configure:**
        - **Network name:** Enter or edit a network name (SSID) that other devices see when scanning for Wi-Fi networks.
        - **Channel:** Change channels in case of interference.
        - **Security:** Choose a security option, **Open** (not recommended) or **WPA2 PSK** (other users can access your hotspot only if they enter the correct password). When you select WPA2 PSK, tap the **Password** field to edit the security password.
        - **Show password:** If you have chosen WPA2 PSK security, check to show or uncheck to hide the password.
        - **Broadcast network name (SSID):** Check to broadcast or uncheck to hide your network name (SSID). If the broadcast is disabled, other users need to get your network SSID to find the Wi-Fi hotspot.

- **Manage users:** Block or unblock users, set the maximum number of devices that can connect to the hotspot simultaneously, and view a list of connected users.
- **Sleep policy:** Set hotspot sleep policy and notification.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

NOTE: You need to set a lock screen pattern, PIN, or password before you can use a VPN.

Adding a VPN

1. Tap the **Home Key >** **> Settings > More > VPN**.
2. Tap and enter the VPN name.
3. Enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Tap **SAVE**.

The VPN is added to the list on the VPN screen.

Connecting to a VPN

1. Tap the **Home Key >** **> Settings > More > VPN**.
2. Tap the VPN that you want to connect to.
3. When prompted, enter any requested credentials and then tap **CONNECT**.

Modifying a VPN

1. Tap the **Home Key >** **> Settings > More > VPN**.
2. Tap beside the VPN that you want to modify.
3. Edit the VPN settings and then tap **SAVE**.

Phone Calls

You can place calls from the Phone app, the Contacts app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually tap it to dial.

Placing and Ending Calls

Placing a Call by Dialing

1. Tap the **Home Key >** **>** .
2. If the dial pad is closed, tap to display it.
3. Enter the phone number or the contact name with the dial pad. Tap to delete incorrect digits.

   NOTE: As you enter the phone number or the contact name, your phone searches for contacts that match. If you see the number and contact you want to dial, tap it to place the call immediately.
4. Tap below the keypad to dial.

You can also tap the search box at the top of the Phone app screen and enter the phone number or contact name you want to call. Tap the matching contact or **Call [number]** to place the call.

NOTES:

- In the dial pad, tap to switch to a right-handed dial pad; you can then tap for left-handed or to return to full-sized.

- To make an international call, press and hold the **0 Key** to enter the plus (+) symbol. Next, enter the country code followed by the city/area code and then the phone number.
- To redial the last call you made, tap when the phone number field is empty to enter the number automatically. Then tap again.

Ending a Call

During a call, tap on the screen.

Answering or Rejecting Calls

When you receive a phone call, the phone displays the Caller ID or the information about the caller that you've entered in Contacts. You can answer or reject the call, or reject it with a text message.

Answering a Call

To answer an incoming call,

- If the phone screen is active, tap .
- If the phone screen is locked, slide down to .

NOTE: To silence the ringer before answering the call, press any one of the following keys: **Volume Key** or **Power Key**.

Rejecting a Call

To reject an incoming call,

- If the phone screen is active, tap .

- If the phone screen is locked, slide up to .

You can also reject the call and select a preset text message or write one to send to the caller.

- If the phone screen is active, tap .
- If the phone screen is locked, tap **Message reject**.

NOTE: To edit the preset text response from within the Phone app, tap **> Settings > Quick responses**.

Working With the Call History

The call history is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your Contacts.

To open the call history, you can tap the **Home Key >** **>** **> Call History**. (If the dial pad is visible, tap the **Back Key** to close it.)

Placing a Call From the Call History

1. Open the call history.
2. Tap a number for more information about the call, or tap beside it to call back.

NOTE: You can tap **View full call history** to see more entries, and then tap (missed call), (outgoing call), or (incoming call) to filter the records by call type.

Adding a Number From Call History as a Contact

1. Open the call history.
2. Tap the contact icon in front of a number.
3. Tap on the contact information tab.
4. To add a new contact, tap **Create new contact** at the top. (See *Contacts – Adding a New Contact*.) To add the number to an existing contact, tap a contact in the list.
5. After typing the contact information in the fields, tap to save it.

- or -

1. Open the call history.
2. Tap a listing.
3. To create a new contact, tap **Create new contact** below the call number. (See *Contacts – Adding a New Contact*.)

   To add the number to an existing contact, tap **Add to a contact** below the call number. Tap a contact in the list.
4. After typing the contact information in the fields, tap to save it.

Taking Other Actions on a Call History Entry

Open the call history and tap a listing.

- Tap to create a new contact with the number.
- Tap to add the number to an existing contact.

- Tap to send a text message to the number.
- Tap to view more call information. Tap an option:
  - **Block number** to block calls and messages from the number.

    NOTE: To find all blocked numbers, tap the **Home Key >** **> Phone >** **> Settings > Call blocking**.
  - **Copy number** to copy the number to the clipboard.
  - **Edit number before call** to edit the number in the dialer before calling it.
  - to delete the listing from your call history.
- Tap the contact icon in front of the listing to open the contact information tab. From here, you can send a message, call back, edit the contact, add the contact to favorites, or add the number to contacts.

NOTE: You can tap **> Clear call history** in the call history screen to select and delete the history records.

Calling Your Contacts

1. Tap the **Home Key >** .
2. Tap **FAVORITES**. Your favorite and frequently called contacts are displayed in the tab. Tap one to place a call.

   - or -

   Tap **CONTACTS**. Your full contact list is displayed. Tap

beside a contact to place a call.

Checking Voicemail

If you have set the phone to divert calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. Tap the **Home Key >** **>** .
2. Press and hold the **1 Key** in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

NOTE: See *Phone Calls – Adjusting Your Call Settings – Setting Voicemail* for how to set your voicemail service. For detailed information, please contact your service provider.

Using Options During a Call

During a call, you will see a number of on-screen options. Tap an option to select it.

- Tap to open the dial pad when you need to enter a code (for example, the PIN for your voicemail or bank account) during the call.
- Tap to turn the speaker on or off.
- Tap to mute or unmute the microphone.
- Tap to make another call separately from the first call,

which is put on hold.

- Tap to go to contacts.
- Tap to merge the separate calls into a single conference call.
- Tap when connected to two calls to put the caller you are speaking to on hold and switch to the other call, currently on hold.
- Tap to end the current call.

WARNING! Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multi-party Calls

When the call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

NOTE: Options and interface will vary. The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

Switching Between Current Calls

When you’re on a call and another call comes in, your phone screen informs you and displays the caller ID.

To respond to an incoming call while you’re on a call:

- Tap **Answer** to answer the call. This places the first caller on hold and answers the second call.

- Tap to reject the second call.
- Tap to reject the second call and select a preset text message or write one to send to the caller.

To switch between two calls:

Tap to switch to the other call.

Setting Up a Conference Call

With this feature, you can talk to two people at the same time.

1. Place the first call.
2. Once you have established the connection, tap and dial the second number. This puts the first caller on hold.

- or -

When you’re on a call and another call comes in, answer the call and hold the first call.

3. When you’re connected to the second party, tap .

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

To end the conference call, tap .

Adjusting Your Call Settings

You can configure a number of settings for the Phone application.

NOTE: Some call options are displayed only when these features are available, and some features need network support and may

result in additional charges. Please contact your service provider for more information.

Setting Contact Display Options

You can set the order of the contacts displayed in the CONTACTS tab of the Phone app.

1. Tap the **Home Key >** **>** **> Settings > Display options**.
2. Tap **Sort by** or **Name format** to set the order of the contacts and the format of the contact names.

Setting Ringtone and Dial Pad Tones

Set the incoming call ringtone and dial pad sounds.

1. Tap the **Home Key >** **>** **> Settings > Sounds and vibration**.
2. Tap an option.
   - Tap **Phone ringtone** to select the ringtone for incoming call notifications.
   - Check **Also vibrate for calls** to enable vibration for incoming call notifications.
   - Check **Dialpad tones** to play sounds when you tap the dial pad keys.

Setting Answer and End Calls Options

1. Tap the **Home Key >** **>** **> Settings > Answer and end calls**.

2. Tap an option.
    - Check **Power button ends call** to enable ending calls by pressing the **Power/Lock Key**.

Setting Speed Dials

You can press and hold the 1 - 9 Keys from the dial pad to call the corresponding speed dial number.

The 1 Key is reserved to speed dial your voicemail.

To assign a speed dial key:

1. Tap the **Home Key >** **>** **> Settings > Speed dial**.
2. Tap a speed dial key.
3. Enter a phone number or tap **> Contacts** and select one from the contact list.
4. Tap **OK**.

Editing Quick Response to Rejected Callers

1. Tap the **Home Key >** **>** **> Settings > Quick responses**.
2. Tap a text message to edit it.
3. Tap **OK** to save the message.

Setting Voicemail

1. Tap the **Home Key >** **>** **> Settings > Call settings**.
2. Tap **Voicemail** to configure voicemail settings.
    - Tap **Service** to select the voicemail service provider. Your

carrier is the default.

- Tap **Setup** to view or set up (only available for some nano-SIM cards) the voicemail number.
- Tap **Sound** to select the notification sound for new voicemails.
- Check **Vibrate** to enable vibration for notifications.

Setting DTMF Tones

You can set the length of dual-tone multi-frequency (DTMF) signal tones.

1. Tap the **Home Key >** **>** **> Settings > Call settings > DTMF tones**.
2. Tap **Normal** or **Long**.

Forwarding Incoming Calls

The call forwarding feature allows you to forward your incoming calls to another phone number.

1. Tap the **Home Key >** **>** **> Settings > Call settings > Call forwarding**.
2. Tap an available option to enable or disable it.

Setting Voice Privacy

This option allows you to enable enhanced privacy mode.

1. Tap the **Home Key >** **>** **> Settings > Call settings > Additional settings**.

2. Check **Voice privacy** to enable this feature.

Setting Plus Code Dialing

Plus Code Dialing allows the phone to automatically dial the international access code for your location when you touch and hold the **0 Key** in the dialer.

To activate Plus Code Dialing:

1. Tap the **Home Key >** **>** **> Settings > Call settings > Additional settings > Plus code dialing setting**.
2. Check **Setup Plus Code Replacement** to enable this feature.

To change the international dialing code:

1. Tap the **Home Key >** **>** **> Settings > Call settings > Additional settings > Plus code dialing setting > Replace Code of Plus Code**.
2. Input a new code and touch **OK**.

Setting Call Blocking

Call blocking allows you to block calls and messages from certain numbers.

1. Tap the **Home Key >** **>** **> Settings > Call blocking**.
2. Tap **ADD A NUMBER**.
3. Enter the phone number or tap **> Contacts** and select one from the contact list.
4. Tap **BLOCK**.

NOTE: To unblock a number, go to the Call blocking menu, tap to the right of the number, and tap **UNBLOCK**.

Setting TTY Mode

Your phone is a TTY compatible device. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone. Simply connect the TTY device to the phone's headset jack.

Select a TTY mode for your phone to work with a TTY device, or turn TTY off.

1. Tap the **Home Key >** **>** **> Settings > Accessibility > TTY mode**.
2. Select one of the following options. Consult your teletypewriter manufacturer's manual if necessary.
   - **TTY Off:** Users who can hear and talk can disable TTY support.
   - **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through a TTY device.
   - **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to the other party and respond via text messages.
   - **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

Setting Hearing Aids

Your phone supports HAC (Hearing Aid Compatibility) function. If you use a hearing aid with a telecoil and turn on hearing aid compatibility, it will help you hear more clearly during phone calls.

1. Tap the **Home Key >** **>** **> Settings > Accessibility**.
2. Check **Hearing aids** to turn on hearing aid compatibility.

CAUTION: Do not turn on the Hearing aids option unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

To see your contacts, tap the **Home Key >** **> Contacts**. From there, you can tap the tabs on the top of the screen to quickly switch to your contact groups or favorite contacts.

Checking Contact Details

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Scroll through the list to view all your contacts.
3. Tap a contact to view its details.

NOTE: There is a slider on the right side of the screen. To go directly to a letter, press and hold the slider and drag it to a letter.

Adding a New Contact

1. Tap the **Home Key >** **> Contacts**.
2. Tap to add a new contact.
   NOTE: If you have no contacts added yet, tap **CREATE A NEW CONTACT**.
3. Enter the contact name, phone numbers, and email

addresses. Tap **More Fields** to enter other information. If you have multiple account types associated with your phone, tap the contact account field at the top and select a contact type. If a sync account is selected, the contacts will be synced automatically with your account online.

4. Tap ✓ to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.

1. Tap the **Home Key >** ⋮⋮⋮ **> Contacts > CONTACTS**.
2. Tap **Set up my profile**. If a profile has already been set up, tap the existing profile below **ME** and tap ✎.
3. Edit your profile information. Tap **More Fields** to add more information, if desired.
4. Tap ✓ to save.

Importing, Exporting, and Sharing Contacts

You can import/export contacts from/to the nano-SIM card, phone storage, or microSDXC card. This is especially useful when you need to transfer contacts between different devices. You can also quickly share contacts using Messaging, Email, *Bluetooth*, Google Drive, Gmail, etc.

Importing Contacts From the Phone Storage or microSDXC Card

1. Tap the **Home Key >** **> Contacts**.
2. Tap **> Import/Export > Import from storage**.
3. If prompted, choose the account you want to import your contacts to.
4. If prompted, select whether to import one, multiple, or all vCard files; if needed, select the vCard file(s).
5. Tap **OK**.

Importing Contacts From the nano-SIM Card

1. Tap the **Home Key >** **> Contacts**.
2. Tap **> Import/Export > Import from SIM card**.
3. If prompted, choose the account you want to import your contacts to.
4. Check the contacts you need and then tap .

Exporting Contacts to the Phone Storage or microSDXC Card

1. Tap the **Home Key >** **> Contacts**.
2. Tap **> Import/Export > Export to storage**.
3. The phone will prompt you with the name of the vCard file

and the directory in which the file will be saved. Tap **OK** to create the file.

Exporting Contacts to the nano-SIM Card

1. Tap the **Home Key >** **> Contacts**.
2. Tap **> Import/Export > Export to SIM card**.
3. Check the contacts you need and then tap .

Sharing Contacts

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Tap **> Multi-select**.
3. Check the contacts you want to share and then tap .
4. Choose how to share the contacts. Options depend on the applications and services installed.

NOTE: You can also share your contacts by choosing **Share visible contacts** in the Import/export contacts menu.

Working With Favorite Contacts

You can add the contacts you use frequently to FAVORITES so that you can find them quickly.

Adding a Contact to Favorites

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Tap a contact, and then tap ☆ at the top of the screen.

Removing a Contact From Favorites

1. Tap the **Home Key >** **> Contacts > FAVORITES**.
2. Tap a favorite contact, and then tap ★ at the top of the screen.

Working With Groups

Viewing Your Contact Groups

1. Tap the **Home Key >** **> Contacts > GROUPS**.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Tap a group to view its members.

NOTE: To send a message or email to all or some of the group members, tap a group **>** ⋮ **> Send group message / Send group email** and tap to select group members to include.

Setting Up a New Group

1. Tap the **Home Key >** **> Contacts > GROUPS**.
2. Tap to create a new group.
3. If you have added contact accounts other than the phone, select an account for the new group.
4. Tap **Group's name** and enter a name.
5. Tap **Add member** and select the contacts you wish to add to the group members.
6. If necessary, tap the fields below **RingTone** and **Notification ringtone** to set a special ringtone for incoming calls and messages from the group members, and then tap **OK**.
7. Tap to save the group.

Deleting a Group

1. Tap the **Home Key >** **> Contacts > GROUPS**.
2. Tap a group, and then tap **> Delete group**.
3. Tap **OK** to disband the group. The contacts in the group will not be deleted.

Editing a Group

1. Tap the **Home Key >** **> Contacts > GROUPS**.
2. Tap a group, and then tap **> Edit group**.
3. Tap the group name to edit it, or tap the field below **Member**, **RingTone** or **Notification ringtone** to add more members or change the ringtone.
4. Tap to save.

NOTE: To remove group members, tap a group and then tap **> Multi-select**. Select the members you would like to remove. Tap **> OK**.

Searching for a Contact

1. Tap the **Home Key >** **> Contacts**, and then tap to search.
2. Input the contact name or other information (such as phone number) you want to search for. The contacts matched will be listed.

Editing Contacts

Editing Contact Details

1. Tap the **Home Key >** **> Contacts > CONTACTS**.

2. Tap a contact and then tap .
3. Edit the contact and tap .

Setting a Ringtone for a Contact

Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Tap a contact you want to set a ringtone for, and then tap **> More Fields > Default ringtone**.
3. Select a ringtone you like and tap **OK**.
4. Tap .

Linking Contacts

As your phone synchronizes with multiple online accounts, you may see duplicate entries for the same contact. You can merge all the separate information of a contact into one entry in the Contacts list.

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Press and hold a contact to select it.
3. Tap to select the duplicate contact(s).
4. Tap .
5. Tap **LINK** to confirm.

NOTES:

- The information from the second contact is added to the first, and the second contact is no longer displayed in the contacts list.
- You can repeat these steps to join another contact to the main contact.

Unlinking Contact Information

If contact information from different sources was linked in error, you can separate the information back into individual contacts on your phone.

1. Tap the **Home Key >** **> Contacts > CONTACTS**.
2. Tap a linked contact you want to unlink.
3. Tap **>** **> Unlink**.
4. Tap **UNLINK** to confirm.

Email

Tap the **Home Key >** . Use it to read and send emails from Microsoft Exchange ActiveSync, Gmail, Hotmail, Yahoo!®, and more.

Setting Up the First Email Account

1. When you open **Email** for the first time, tap an email type and then enter your email address and password.
2. Tap **NEXT** to let the phone retrieve the network parameters automatically.

   NOTE: You can also enter these details manually by tapping **MANUAL SETUP** or if automatic setup fails.
3. Follow the on-screen instructions to finish the setup.

Your phone will show the inbox of the email account and start to download email messages.

Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account. You can also check new emails manually by dragging down on the message list.

You can adjust how often your account downloads new emails. From your inbox, tap **> Settings > name of the account >**

Sync settings > Sync frequency. Tap an option to select it.

Writing and Sending an Email

1. Open your email inbox and tap .

   NOTE: If you have more than one email account added on the phone, tap the **From** line to select the account you want to use for sending the message.

2. Enter a contact name or email address in the **To** field. Separate each recipient with a comma. You can also tap to select recipients from your contacts, groups, or history.

   NOTE: To send a carbon copy or blind carbon copy to other recipients, tap beside the **To** field to open the Cc and Bcc fields, and enter the contact names or email addresses.

3. Enter the email subject and compose the email text.

4. Tap to add audio files, images, videos and other types of files as attachments.

5. Tap at the top right of the screen to send the message.

Responding to an Email

You can reply to or forward an email that you receive. You can also delete emails and manage them in other ways.

Replying to or Forwarding an Email

1. Open the email you want to reply to or forward from the inbox.

2. Choose one of the following:
    - To reply to the sender, tap .
    - To reply to the sender and all recipients of the original message, tap .
    - To forward the email, tap .
3. Edit your message and tap .

Marking an Email as Unread

You can return a read email to the unread state (for example, to remind yourself to read it again later). You can also mark a batch of emails as unread.

While reading a message, tap **> Mark unread**.

While in a message list (for instance, the inbox), tap the circle beside the message(s), and then tap .

Deleting an Email

You can delete an email or a batch of emails.

While reading a message, tap .

While in a message list (for instance, the inbox), slide a message left or right to delete it, or tap the circle beside the message(s), and then tap .

NOTE: If you delete an email by mistake, tap **UNDO**.

Adding and Editing Email Accounts

Adding an Email Account

After setting up your first email account (see *Email – Setting Up the First Email Account*), you can add more email accounts and manage them separately.

1. From your inbox, tap **> Settings > Add account**.
2. Set up the account as you did with the first one.

NOTE: You can also add accounts from the **Settings** app (see *Accounts - Adding or Removing Accounts - Adding an Account*).

Editing an Email Account

You can change a number of settings for an account. The options you can configure depend on the type of account.

1. From your inbox, tap **> Settings**.
2. Tap the account whose settings you want to change.
3. Make the changes you want, and tap or tap the **Back Key** when you’re finished.

Changing General Email Settings

General settings apply to all email accounts you add.

1. From your inbox, tap **> Settings > General settings**.

2. Make the changes you want, and tap or tap the **Back Key** when you’re finished.

Messages

You can use Messages to exchange text messages (SMS) and multimedia messages (MMS).

Opening the Messages Screen

Tap the **Home Key >** .

The Messages screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

Tap to write a new text or multimedia message.

Tap to search for a message using keywords.

Tap an existing message thread to open the conversation.

Sending a Message

1. On the Messages screen, tap .
2. Add recipients in one of the following ways:
   - Enter the phone number or contact name directly in the "To" field. Tap **Send to <number>** or a match from your contacts displayed below the "To" field to add the number or contact as the recipient.

     NOTE:

     While entering the recipient, tap and to switch

between the numeric and the full keyboard.

- Touch a contact below the "To" field to whom you want to send the message.

  NOTE:

  If you add two or more recipients, the message may be sent as a group MMS where everyone can reply and see each other's messages.

3. Tap to confirm the contact that your want to send the message.
4. Tap the **Type an SMS message** field and enter the content of your text message.
5. If you want to send a multimedia message, tap to add stickers, take a photo or shoot a video clip, select other types of file, record an audio file, or add your current location (requires GPS to be turned on) to attach to the message.
6. Tap .

NOTES:

- You can also include email addresses as recipients for multimedia messages.
- Do not add an attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Replying to a Message

Messages you receive are appended to existing threads of the same number. If the new message comes from a new number, a new thread is created.

1. On the Messages screen, tap the thread that has the message you want to reply to.
2. Type your reply in the text box at the bottom. You can tap if you want to reply with an MMS.
3. Tap .

Forwarding a Message

1. On the Messages screen, tap the thread that has the message you want to forward.
2. Press and hold the message you would like to forward.
3. Tap in the menu that opens.
4. Select an existing message thread or tap **NEW MESSAGE** to enter a recipient for the message.
5. Edit the content if you want.
6. Tap .

Deleting Messages or Threads

1. On the Messages screen, press and hold a thread you want

to delete, or tap a thread and press and hold a message you want to delete.

2. If there are more messages/threads you want to delete, tap them one by one.
3. Tap **> DELETE**.

Changing Message Settings

Tap **> Settings** in the Messages screen to change Message settings.

Browser

Use Browser to view web pages and search for information.

Opening the Browser

1. Tap the **Home key >** .

   NOTE: The Browser also opens when you tap a web link (for example, in an email or a text message).
2. Tap the address box at the top of the web page.
3. Enter the address (URL) of a web page, or terms you want to search for.
4. Tap a URL or search suggestion or tap the enter key on the keyboard to open the web page or search results.

Configuring the Home Pag

Your home page opens when you open a new browser tab, and you can add a URL to the Browser home screen.

1. Open the Browser app.
2. Tap **> Settings > Add to home screen**.
3. Enter the URL and tap **OK** to set it as the home page.

Using Multiple Browser Windows

You can open several web pages at the same time (one page in each window) and switch between them freely.

Opening a New Browser Window

Tap at the top of the screen, and then tap

. A new browser window opens and the home page is loaded.

Switching Between Browser Windows

1. Tap the icon at the top of the screen. Titles of opened web pages appear as a list.
2. Tap the title you want to open.

NOTE: Tap or swipe left or right to close a browser window.

Downloading Files

1. Press and hold an image or a link to a file or to another web page.
2. In the menu that opens, tap **Save image** or **Save link**.

The downloaded files are saved to your phone or microSDXC card. You can view or open them in the Downloads app.

Changing Browser Settings

You can configure a number of settings to customize the way you browse the web, including several that you can use to control your privacy.

In the main Browser screen, tap **> Settings**. Make changes as needed, and tap the **Back Key** when done.

Camera

You can take photos and record videos. Photos and videos are stored on the microSDXC card, if you have installed one, or to the phone's internal storage. You can copy them to your computer or access them in the Gallery app.

Capturing a Photo

1. Tap the **Home Key >** .
2. Aim the camera at the subject and make any necessary adjustments. PHOTO (automatic camera) mode is used by default.
3. Tap the area on the screen where you want the camera to focus, or let the camera autofocus on the center of the image.
4. Tap to take a photo.

WARNING! Keep a safe distance when using the flash. Do not point the flash toward the eyes of people or animals.

Number	Function
1	Change the camera/video settings.
2	Switch among video camera, photo camera, portrait mode (back camera), or bokeh mode (back camera).

Number	Function
3	View photos and videos you have taken.
4	Capture a photo.
5	Switch between the front and the back cameras.
6	Use special photo or video camera modes: MANUAL, PANORAMA, TIMELAPSE, or MONO.
7	Select a special effect for pictures and videos.
8	Change the flash setting (back camera only).
9	Change the High-Dynamic Range (HDR) settings. (back camera only).

NOTES:

- You can pinch or spread your fingers on the screen to zoom in or out before taking a picture.
- In PHOTO (automatic camera) mode, when you tap the screen to focus, the exposure bar appears beside the focus point. You can drag up or down to adjust the exposure.
- When you use the front camera, you can also tap **BEAUTY** to use Beautify mode.
- If the Take photo fingerprint action has been enabled, you can also press the Fingerprint sensor to take a photo.

Using Portrait Camera Mode

You can use PORTRAIT mode to focus on your subject with a

depth effect and blur backgrounds.

1. Tap the **Home Key >** **> PORTRAIT**.
2. Hold the phone within 8.2 feet from the subject.
3. Tap to take the picture.

Using Bokeh Camera Mode

You can use the bokeh camera mode to take a photo with the subject in focus and the background blurred.

1. Tap the **Home Key >** **> BOKEH**.
2. Hold the phone 1 to 6.5 feet from the subject, and adjust the slider to change the shutter aperture.
3. Tap to take the photo.

Using Manual Camera Mode

You can use the Manual camera mode to adjust more camera options for your photo, such as ISO, white balance, and exposure.

1. Tap the **Home Key >** **>** **> MANUAL**.
2. Aim the camera at the subject. You can make the following adjustments:
   - Drag the yellow circle to any area on the screen that you want to focus on. Press and hold it to lock the focus.

- Drag the green square to any area on the screen where you want the camera to meter exposure so as to adjust the photo brightness. Press and hold the square to lock exposure.
- Tap the icons on the screen to adjust more options: ISO, overall exposure, white balance, and interval for time-lapse pictures.

3. Tap to take the photo.

Using Other Camera Modes

Besides capturing photos and videos in the traditional way, the Camera app offers other powerful and interesting camera modes. Tap ••• in the viewfinder screen to find them.

- **MANUAL:** Adjust more camera options for your photo, such as ISO, white balance, and exposure.
- **PANORAMA:** Capture panorama photos both horizontally and vertically.
- **TIMELAPSE:** Record time-lapse videos (back camera only); you can set the time interval between each frame.
- **MONO:** Take a photo with only one color visible. Tap a color option, and then use the slider to adjust the color selection to achieve the desired effect. You can also press and hold a color you want to reserve.

Recording a Video

1. Tap the **Home Key >** **> VIDEO**.
2. Aim the camera at the subject and make any necessary adjustments. You can tap any area on the screen that you want the camcorder to focus on before and during recording.
3. Tap to start recording. You can tap / to pause or resume recording, or tap to save the frame as a photo.
4. Tap to stop recording.

NOTES:

- You can pinch or spread your fingers on the screen to zoom in or out before and during recording.
- When you tap the screen to focus during recording, the exposure bar appears beside the focus point. You can drag up or down to adjust the exposure. Press and hold the focus point to lock the focus.
- To capture time-lapse video, tap **> TIMELAPSE**. Tap to start recording and to stop, or tap to save the frame as a photo.

Customizing Camera and Video Settings

Before capturing a photo or a video, you can tap to open the following options:

NOTE: Some camera and video options will change in different camera modes.

- **Resolution:** Set the image size for your photos.
- **Metering:** (MANUAL mode only) Adjust the metering setting.
- **Timer:** Set the time interval between each frame when you shot time lapse videos with the back camera.
- **Watermark:** Apply a watermark to your photos.
- **Composition:** Show or hide grid or golden spiral (used for balanced photo composition).
- **Gradienter:** Enable or disable the gradienter.
- **Volume key:** Assign the function of the Volume Keys for the Camera app: Take photo, Zoom, or Volume.
- **Point-and-shoot:** (front camera only) Tap the viewfinder screen to take a photo.
- **Smile:** (front camera only) Select whether to use smile detection.
- **Mirror image:** (front camera only) Capture a photo that is the reverse of the viewfinder preview.

- **Selfie indicator:** (front camera only) Capture natural expressions by looking at the selfie indicator on screen.
- **Video quality:** Set the quality for your video.
- **Shutter tone:** Turn the shutter tone on or off.
- **Geo-tagging:** Select whether to store the GPS location in your captured photos and videos.
- **Anti-banding:** Set the anti-banding value to avoid stripes on the screen when you take pictures or record videos of TV or computer screens.
- **Save location:** Change the storage location for captured photos and videos when a microSDXC card is installed.
- **Help:** Enable the Help icon on the viewfinder screen, or tap **More** to view help details.
- **Restore defaults:** Restore default camera and video settings.

Gallery

Opening Gallery

Tap the **Home Key >** **> Gallery** to view your pictures and videos. Tap **Photos** or **Albums** to select a viewing mode. Photos displays contents in chronological order, and Album displays contents organized by album.

Working With Albums

Viewing Album Contents

In Albums view, tap an album to view the pictures and videos it contains.

Sharing Albums, Pictures, or Videos

1. Press and hold an album, picture, or video to select it.
2. Tap more items that you want to share.
3. Tap and select how you want to share the items.

Deleting Albums, Pictures, or Videos

1. Press and hold an album, picture, or video to select it.
2. Tap more items that you want to delete.

3. Tap **> OK**.

Working With Pictures

Tap a picture to view it in full screen. Double-tap the picture, or pinch two fingers together or spread them apart to zoom out or in. Slide left or right to view other pictures in the album/photo.

Number	Function
1	Tap to return to the album or photo view.
2	Share the picture.
3	Delete the picture.
4	Tap to rename, print, edit, or rotate the picture, set it as wallpaper or contact photo, check file details, or browse the album contents in a slideshow.
5	Edit the picture.

NOTES:

- Pinch a picture or video to make it smaller. You'll then see a filmstrip-style view of all your pictures and videos in a row. Swipe left or right to scan through them all.
- You can delete a picture or video by swiping it up in the filmstrip view. If you accidentally delete one, tap **Undo** to retrieve it.
- Not all options may be available for certain albums or pictures.

Retouching Your Pictures

You can edit any photos you took and some other pictures in Gallery with Photo Editor. The changed picture is saved in the same album as the original one, while the original is never affected.

1. While viewing a picture in full screen, tap the screen and tap

.

NOTE: You can also tap ⋮ **> Other edit > Photo Editor** to edit the picture with Photos.

2. Tap the icons along the bottom of the screen to edit the picture.

	Apply filters, old photo effects, or blur effects.
	Crop, rotate, or flip (mirror) the picture.
	Adjust exposure, contrast, sharpness, vignette, and shadows.
	Adjust curves, hue, saturation, and vibrance.
	Select a color and draw anything, add text, or apply a mosaic effect on the picture.

3. Tap to keep the change or to cancel it.

4. Tap to save the new picture.

NOTE: Tap in the Photo Editor screen to see the edits you have made and undo or redo them.

Making a GIF or a Collage

You can put together a few pictures in the same album to make an animated GIF or a collage of pictures.

1. Open the Gallery app and tap **> Gif maker** or **Collage Maker**.
2. Tap an album.
3. Tap the pictures you want. You can exit the album and open other albums to add more pictures.
   - To make a GIF, tap 2 to 50 pictures in the order (or reverse of the order) that you want them to appear in the GIF.
   - To make a collage, tap 2 to 9 pictures.

   The pictures you tapped are displayed along the bottom of the screen. Tap to remove the pictures you do not want.
4. Tap **Next**. The GIF or collage is displayed.
5. Tap the options along the bottom to adjust the final picture.
   - For GIF, you can adjust the speed, play order, and image size, or tap **MORE** to adjust each picture, and then tap **Manage Frame** to add more pictures or rearrange the pictures.
   - For collage, tap **TEMPLATE**, **FREE**, or **COLLAGE** and then select a border, shading or style.
6. When you are satisfied with the final picture, tap to save the GIF or tap to save the collage.

NOTE: Depending on your storage setting, the picture is saved to the *picture_editor/Save* folder in your phone storage or the microSDXC card.

Playing Videos

1. Tap an album in Gallery, and then tap the thumbnail of a video.
2. Tap at the center, and select a player to start playing.
3. Tap the video to view the playback controls.

Music

Tap the **Home Key >** **> Music** to play audio files stored on your phone. Music supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and more.

Viewing Your Music Library

Open Music, and your music library is displayed. All your audio files are cataloged according to the information stored in the files.

Your music is organized by All Songs, Favorites, Playlists, Albums, Folders, and Artists. You can also tap a song under **Recently Played** to play it again.

NOTE: If an audio file is being played, its name and player controls are displayed at the bottom of the screen. Tap the area to open the playback screen.

Setting a Song as the Default Ringtone

The song will be used as the ringtone for all incoming calls, except those from contacts to whom you have assigned special ringtones (see *Contacts – Editing Contacts – Setting a Ringtone for a Contact*).

1. Open Music to see your music library.

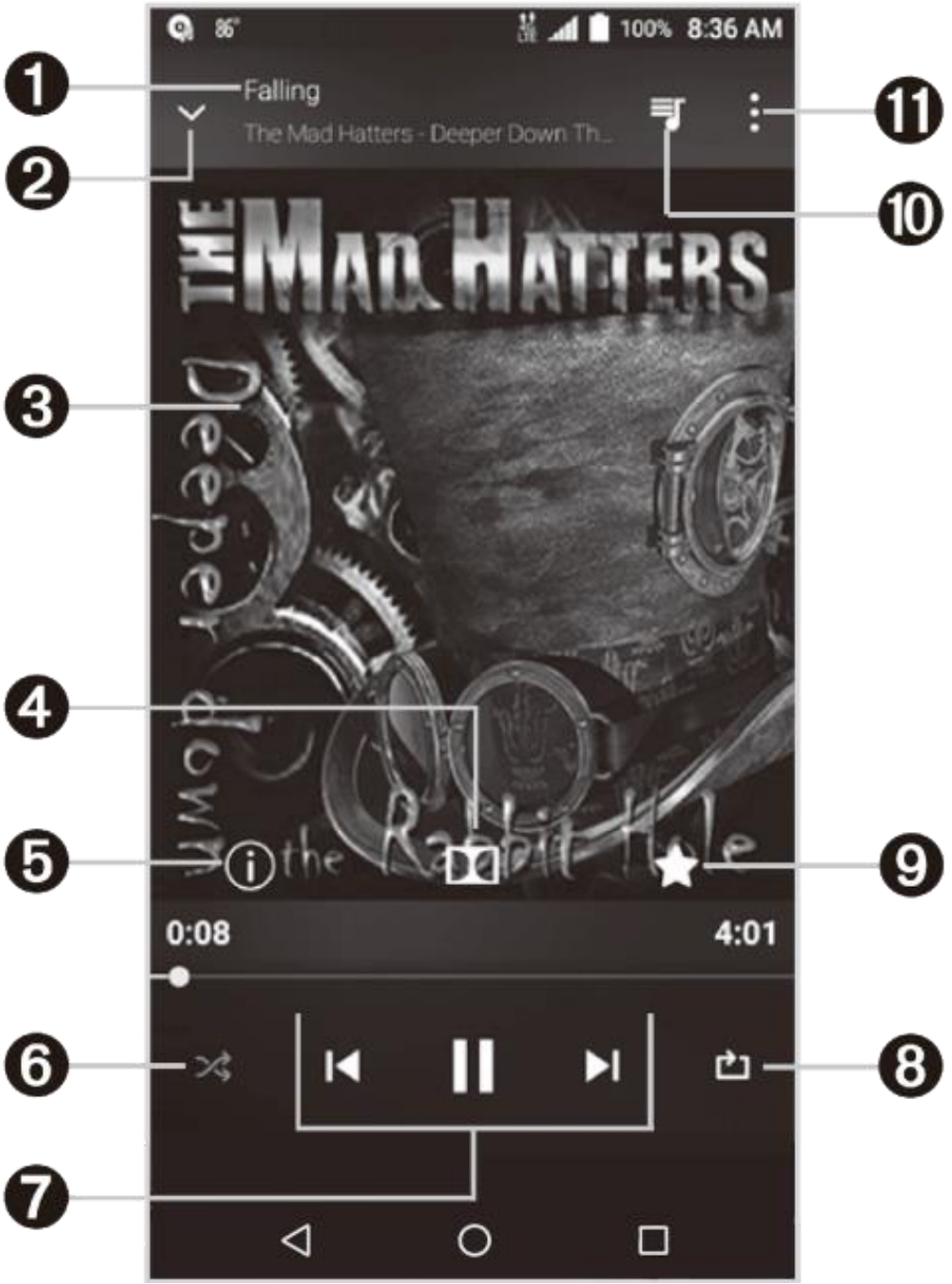
NOTE: If you are in the playback screen, tap ⌄ at the top left of the screen to return to the music library.

2. Tap ⋮ next to a song in any list.
3. In the menu that opens, tap **Set as ringtone**.
4. Tap **Phone Ringtone** or **Notification Ringtone**.

NOTE: If the song is being played and you're on the playback screen, tap ⋮ **> Set as ringtone** and select **Phone Ringtone** or **Notification Ringtone**.

Playing Music

Tap a song in the music library to listen to it. Tap the playback bar at the bottom of the screen and the following playback screen appears:



Number	Function
1	Song, album, and artist information.
2	Return to the music library.

Number	Function
3	Album artwork (if available). Slide left or right to switch to the next or previous song in the playlist.
4	Open the Dolby Audio app to adjust the sound effect.
5	View track information.
6	Turn shuffle on or off.
7	Playback control: Skip songs or pause and resume playback. Drag the progress bar to jump to any part of the song.
8	Toggle repeat mode: repeating current song, repeating the current playlist, or sequential.
9	Add the track to the Favorites playlist.
10	View the current playlist.
11	Access additional options.

You can still control the music when you are not in the playback screen.

- In other apps, swipe down to open the Notification Panel. Tap the song title to restore the playback screen, or you can pause/ resume playback or skip songs.
- When the screen is locked, the song information, album cover, and playback controls are displayed on the screen. Tap the song title to restore the playback screen, or you can pause/resume playback or skip songs.

Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

- Tap **> Add to playlist** next to a song to add it to a playlist or create a new playlist.
- Tap **> Delete** next to a playlist to delete the playlist.
- Tap **> Rename** next to a playlist to rename the playlist.
- Tap a playlist to view its content. To delete a song, press and hold the song. Tap additional songs to select multiple songs for removal. Tap to remove the songs from the playlist.

Video Player

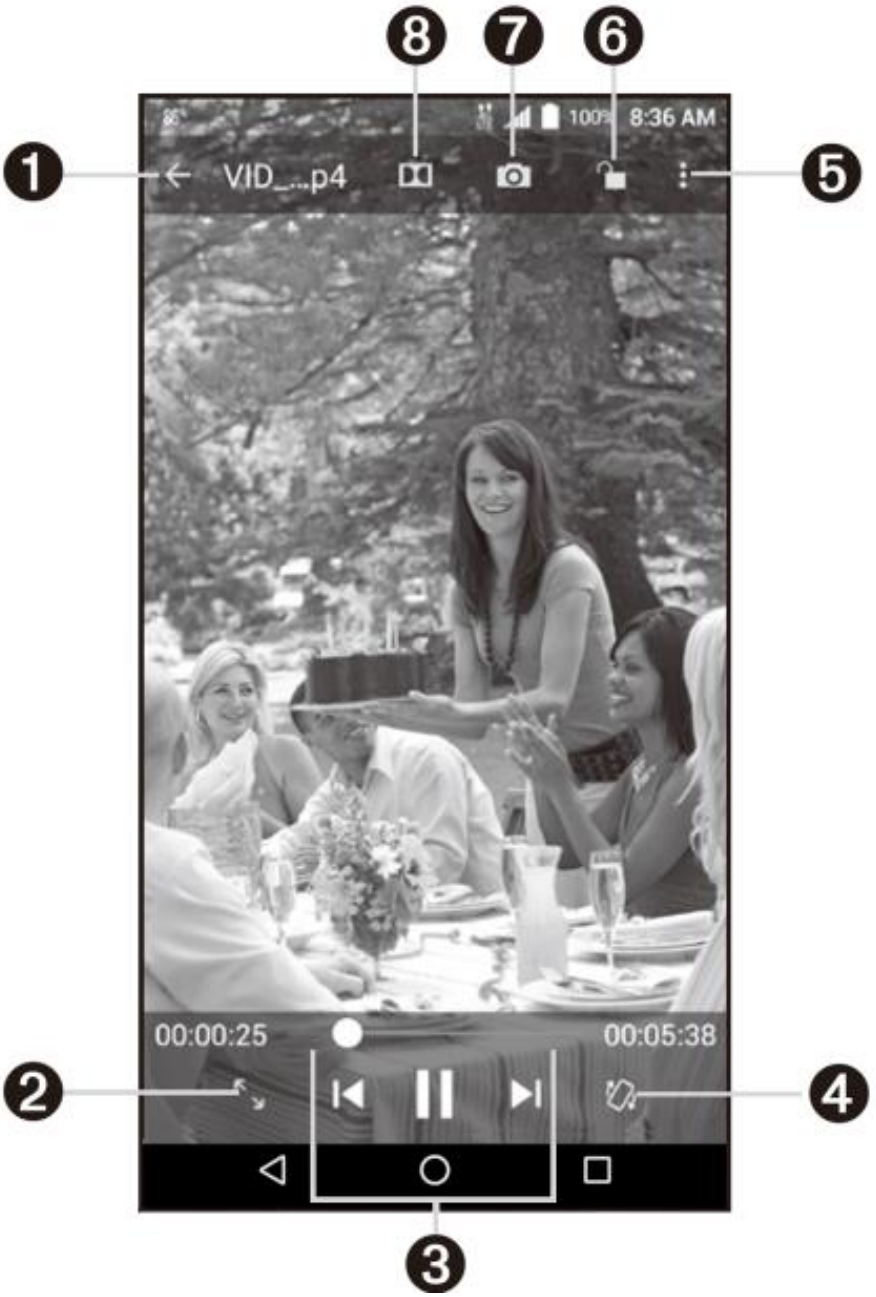
Use Video Player to manage your video library and watch videos.

Opening the Video Library

Tap the **Home Key >** **> Video Player** to view your video library. Swipe up or down to find the video you want. You can also tap to search for video files, or tap **> View by** or **Sort by** to change the display mode or sort the list.

Playing and Controlling Videos

Tap a video in the video library to play it. Tap the screen to show the playback controls. You can control the video and audio or carry out other operations.



Number	Function
1	Return to the video library list.
2	Change the video ratio (fit to screen).

Number	Function
3	Playback control: Skip videos or pause and resume playback. Drag the slider to jump to any part of the video.
4	Rotate the video.
5	Share, trim, or delete the video, or configure player settings.
6	Hide video playback controls and lock the touch screen.
7	Take a screenshot.
8	Open the Dolby Audio app to adjust the sound effect.

NOTES:

- Slide horizontally on the video to rewind or fast forward.
- Slide vertically on the right or left part of the screen to adjust volume or brightness, respectively.

Managing Video Files

Deleting Videos

1. In the video library, tap **> Multi-Select**, or press and hold a video.
2. Check the videos you want to delete.
3. Tap **> OK**.

Sharing Videos

1. In the video library, tap **> Multi-Select**, or press and hold a video.
2. Check the videos you want to share.
3. Tap and select how you want to share them.

Trimming a Video

1. Tap a video to start playing it.
2. Tap **> Trim**.
3. Drag the two tabs on the progress bar to select the portion you want to keep. You can tap to preview the selected portion.
4. Tap . The trimmed video is saved as a new video file.

NOTE: You cannot trim the video during the preview.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

1. Tap the **Home Key >** **> Sound Recorder**.
2. Tap to start recording. During recording, you can tap to pause and to continue recording.
3. Tap to stop recording. The memo is automatically saved.

Playing a Voice Memo

Playing a Memo You Just Recorded

Tap at the bottom of the screen.

Playing Any Saved Memo

1. Tap at the top right of the screen to see all recordings.
2. Tap the title of a memo to play it.

NOTE: You can also tap at the right of the memo to delete, share, rename, tag, or trim it, check its file information, or set it as your phone ringtone or notification ringtone.

More Apps

Calculator

Tap the **Home Key >** **> Calculator** to use the phone's convenient built-in calculator for some basic as well as advanced mathematical equations.

NOTE: To see more calculator options, swipe left on the screen or turn the phone to landscape view.

Clock

Tap the **Home Key >** **> Clock**. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Setting a New Alarm

1. Open the Clock app and tap .
2. Tap a default alarm to configure it, or tap at the bottom of the screen to create a new alarm.
3. Set up the alarm options, such as time, alarm days, snooze, alarm ringtone, and label.
4. Tap **Save** to save and exit.

NOTES:

- To enable or disable existing alarms directly, tap the

switches on the right side of each alarm.

- Tap to configure alarm settings, including ringtone volume, vibration, alarm duration, volume crescendo, and alarm in silent mode.
- To change the default alarm ringtone, tap the **Home Key > Settings > Sound > Default alarm ringtone**.

Checking World Time

1. Open the Clock app and tap .
2. World time lets you check local times for cities around the world. Tap to add a new city.

Using Stopwatch and Countdown

1. Open the Clock app and tap or .
2. Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to zero.

Dolby Audio

Your phone supports Dolby Audio, which enhances the phone's audio quality. Tap the **Home Key >** **> Dolby Audio** to select or customize a Dolby profile. You can also tap to turn off Dolby Audio.

Downloads

The Downloads app keeps a record of the files you have downloaded using apps such as Browser or Email.

Tap the **Home Key >** **> Downloads**.

- Tap a file to open it with the appropriate application.
- Press and hold a file to delete or share it.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

Tap the **Home Key >** **> File Manager**. Tap **CATEGORY** to find the file you need by category, or tap **LOCAL** and then tap or to browse folders and files on the phone storage or the microSDXC card.

- Tap folders and files to access stored items.
- Press and hold an item or tap **> Multi-Select** to access option icons such as copy , move , share , or delete .
- To copy or move an item, press and hold the item, tap or , navigate to a new location, and tap **PASTE**.
- Tap to create a new folder in the current directory.
- Tap to search for a file or folder by name.

- Tap **> View by** or **Sort by** to change the view of the list or the order of the items in the list.
- Tap **> Show hidden files** to display hidden system files and folders.
- Tap **> Exit** to exit the File Manager app.

Google Apps

Open these apps to use Google services. Some Google apps can be found in the Google folder on the home screen.

NOTE: Some contents or Google services may not be available in certain regions.

- **Calendar:** Organize your time and reminds you of important events.
- **Chrome™:** Use Chrome to browse the Internet and get your bookmarks, browsing history, and more synced with your Google account.
- **Drive:** Store files on Google servers for free after you sign in to your Google account. You can access them on your computers, phones and other devices, share them, or collaborate on them with others.
- **Duo:** Video chat one-on-one using Wi-Fi or mobile data.
- **Gmail:** Send and receive emails via your Gmail account or other personal email accounts.
- **Google:** Use Google search or get information when you

need it with the Google feed.

- **Maps:** Find your place and find your way in the world.
- **Photos:** Manage photos on the phone and your Google account.
- **Play Movies & TV:** Purchase, download, and watch the latest and your favorite movies and TV shows.
- **Play Music:** Play music on the phone and steamed from your Google account.
- **Play Store:** Purchase and download apps, games, and more from the Google Play Store.
- **Voice Search:** Search for information with your voice.
- **YouTube™:** Watch video clips from YouTube.com, or upload your own and share with the world.

Settings

Tap the **Home Key >** **> Settings**. Settings contains most of the tools for customizing and configuring your device.

At the top of the Settings screen, you can see setting suggestions. Tap to check or customize the recommended settings.

You can swipe right from the left edge of most screens in Settings to open a menu that allows quick access to other sections.

Wireless & Networks

Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections (see *Connecting to Networks and Devices – Connecting to Wi-Fi*).

Bluetooth

Turn *Bluetooth* on or off and configure your *Bluetooth* connections (see *Connecting to Networks and Devices – Connecting to Bluetooth Devices*).

Mobile Networks

Control mobile data use, data roaming, and other network settings (see *Connecting to Networks and Devices – Connecting to Mobile Networks*).

Wi-Fi Hotspot

By using Wi-Fi Hotspot, your phone can be used as an Internet access point to allow devices to connect via Wi-Fi (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Mobile Data Through a Wi-Fi Hotspot*).

Data Usage

- **Data saver:** Enable or disable Data Saver, which prevents apps from using a data connection in the background. Apps you are currently using can access data, but may do so less frequently. You can tap **Unrestricted data access** to enable some apps to always have data connection access, even when Data Saver is enabled.
- **Cellular data:** Enable or disable mobile data.
- **Cellular data usage:** Check how much data has been used during the time cycle you set, see which apps have been using mobile data, restrict background data for individual apps, or allow individual apps to have unrestricted data usage when Data Saver is on.
- **Billing cycle:** Set the reset date of the data usage cycle, and set the mobile data warning and limit.
- **Wi-Fi data usage:** View the Wi-Fi data usage of apps.
- **Network restrictions:** Select Wi-Fi networks that are metered. Apps may warn before using these networks for large downloads to avoid high mobile data bills.

NOTE: Data usage is measured by your phone. Your carrier's data usage accounting may differ.

Airplane Mode

In Settings, tap **More > Airplane mode** to turn airplane mode on or off. All the phone's radios that transmit voice or data are turned off when airplane mode is on.

USB Tethering

In Settings, tap **More > USB tethering** to share your phone's mobile data connection with a PC via USB (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Share Your Mobile Data Connection via USB*).

VPN

In Settings, tap **More > VPN** to set up and connect to virtual private networks (see *Connecting to Networks and Devices – Connecting to Virtual Private Networks*).

Network Settings Reset

In Settings, tap **More > Network settings reset > RESET SETTINGS** to reset all network settings, including Wi-Fi, cellular data, and *Bluetooth*.

Device

Display

- **Brightness level:** Set the brightness of the display.
- **Adaptive brightness:** Automatically adjust screen brightness.
- **Wallpaper:** Select a background image or animation for the home screen or lock screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Press power button twice for camera:** Tap to enable/disable this feature, which allows you to quickly open the Camera app without unlocking your screen.
- **Screen saver:** Manage the Screen saver function, which can display colors or photos when the phone is docked or charging.
- **Ambient display:** Tap to enable/disable this feature, which causes the screen to wake when you receive notifications.
- **Font size:** Set the font size of the text on the screen.
- **Display size:** Adjust the display size of fonts, icons, and images.
- **When device is rotated:** Select whether the screen display should rotate when the phone is rotated.
- **Pulse notification light:** The Indicator light on the Home Key flashes to notify you of missed calls, new messages,

and other events.

Notifications

Control the display of notifications.

- Tap **> On the lock screen** to enable/disable notification display on the lock screen.
- Tap an app to control its notifications. You may block or mute its notifications, allow its notification content to be displayed on the lock screen, or allow its notifications in Do not disturb mode. Options depend on the app and other settings.

NOTE: The notifications of some apps cannot be turned off. Content hiding is available only if you have set a pattern, PIN, or password screen lock.

Sound

Adjust different types of volume (see *Personalizing – Adjusting Volumes*), set Dolby Audio effects, toggle notification mode (see *Personalizing – Switching to Silent or Vibration Mode*), control Do not disturb mode (see *Personalizing – Using Do Not Disturb Mode*), set ringtone and notification sound (see *Personalizing – Changing the Ringtone and Notification Sound*), set default alarm sound, or select system sounds (see *Personalizing – Turning System Sounds On/Off*).

Apps

See apps installed on your phone and manage them. Tap an app to see its information. The following options may be available:

- **FORCE STOP:** Stop the app.
- **UNINSTALL:** Uninstall the app.
- **DISABLE/ENABLE**: Disable or enable the app.
- **Storage:** Check the app's storage information and clear its data or cache.
- **Data usage:** Check how much data the app has used during the time cycle you set, restrict background data for the app, or allow unrestricted data access by the app when Data Saver is on.
- **Permissions:** Check or change the app permissions.
- **Notifications:** Manage the app's notifications.
- **Open by default:** Check the app's supported links, set whether to open the links in the app, and clear the app's defaults.
- **Battery:** Check the app's battery usage since last full charge.
- **Memory:** Check the app's memory usage.
- **Draw over other apps:** Allow the app to display on top of other apps that you're using.
- **Modify system settings:** Allow the app to modify system settings.

NOTE: Not all options are available for all apps.

Storage

Check memory information for the internal phone storage and the microSDXC card (if one is installed).

- **Save location:** Select **Phone** or **SD card** to select the default location for new data, such as photos captured and voice recorded.
- **Device storage:** Tap **Phone > Used space** to get a detailed breakdown of space usage by type. Tap a data type to see more information or delete the files you do not need.
- **Portable storage:** Safely mount, unmount/eject, and format your microSDXC card. For more information about using the internal storage and the microSDXC card, see *Connecting to Networks and Devices – Using the microSDXC Card as Portable or Phone Storage*.

Battery

View the battery level, check what has been using the battery, and optimize battery use.

- Tap an app or service to adjust its settings to save battery life. For example, tap **Bluetooth > Turn off Bluetooth when you aren't using it** to change *Bluetooth* settings.
- Tap **Battery saver**. You can turn Battery saver on or off or configure it to turn on automatically in order to reduce battery use and improve battery life.
- Tap ⋮ **> Battery optimization**. Battery optimization helps prolong battery standby time when you're not using the

phone. To turn battery optimization off for specific apps, tap **Not optimized > All apps**, tap the app name and then tap **Don’t optimize > DONE**.

Memory

Monitor the average memory use and performance of your phone, and check which apps use the most memory.

Call Settings

Configure call options (see *Phone Calls – Adjusting Your Call Settings)*.

Connect to PC

Select the USB connection mode between your phone and PC (see *Connecting to Networks and Devices – Connecting to Your Computer via USB*).

Personal

Location

Activate location services, which help your phone and apps determine your location. To use location-related applications, such as finding your location on Google Maps, you must have location services turned on.

1. Tap the **Home Key >** **> Settings > Location**.
2. Slide the switch to the **On** position to turn on location

access.

3. When location is enabled, tap **Mode** to select the location mode you want to use.
   - **High accuracy:** Get accurate location using GPS, Wi-Fi, *Bluetooth*, and mobile networks.
   - **Battery saving:** Use only Wi-Fi, *Bluetooth*, and mobile networks to get your approximate location. This will drain less power from your battery than using GPS.
   - **Device only:** Use only GPS to pinpoint your location.

In the Location menu, tap **Accelerated Location** to use Qualcomm® IZat™ hardware accelerated location services to determine your location, tap **Google Location History** to configure Google location options, or tap **Google Location Sharing** to configure location sharing settings.

Security

- **Screen lock:** Lock the screen with long press, pattern, PIN, or password (see *Personalizing – Protecting Your Phone With Screen Locks*).

  Tap beside **Screen lock** to set the following options.

  - **Make pattern visible:** Show the pattern as you draw it. This option is available when unlock pattern is set.
  - **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off. This option is available when unlock pattern, PIN, or password is set.

- **Power button instantly locks:** Lock protection is activated immediately when you press the **Power Key**. This option is available when unlock pattern, PIN, or password is set.
- **Lock screen message:** Set the text to be displayed on the lock screen.

- **Fingerprint:** Register up to five fingerprints and enable them to unlock the phone or quickly open a selected app. Enable pressing the fingerprint sensor to take a photo or answer incoming calls. (See *Personalizing – Using Your Fingerprint*.)
- **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, when recognizing a trusted voice, or when being held or carried.

  NOTE: You must set a screen lock pattern, PIN, or password to use the Smart Lock feature.
- **Encrypt phone:** Your phone is already encrypted.
- **Set up SIM card lock:** Lock the nano-SIM card and change the nano-SIM PIN.
  - **Lock SIM card:** Activate or deactivate the PIN lock to require PIN before accessing the nano-SIM card.
  - **Change SIM PIN:** Change the PIN used to access the nano-SIM card.

  NOTE: Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your nano-SIM card will be locked and you cannot access the mobile phone network. Contact your

operator for a PIN Unlock Key (PUK) to restore the nano-SIM card.

- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Permit installation of apps from sources other than the Play Store.
- **Storage type:** Check the credential storage type.
- **Trusted credentials:** Display trusted CA certificates.
- **User credentials:** View and modify stored credentials.
- **Install from SD card:** Install certificates from the internal storage or the microSDXC card.
- **Clear credentials:** Delete all certificates.
- **Trust agents:** View or deactivate trust agents.
- **Screen pinning:** Keep a screen of your choice in view so that others cannot switch apps and access personal information (see *Personalizing – Protecting Your Phone With Screen Pinning*).
- **Apps with usage access:** Turn on or off some apps' access to your phone usage information.

Accounts

Manage your accounts and synchronization. Tap **Add account** to sign in to or create accounts on your phone.

Tap an account type to see accounts of that type you have added and adjust their settings.

Google

Manage settings for Google apps and services.

Languages & Input

- **Languages:** Select a language for your system.
- **Spell checker:** Enable Google Spell Checker to check for spelling errors when entering text, and change its settings.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **Virtual keyboard:** Configure on-screen input method settings.
- **Physical keyboard**
  - **Show virtual keyboard:** Keep the virtual keyboard on screen while a physical keyboard accessory is active.
  - **Keyboard shortcuts helper:** Display available shortcuts.
- **Text-to-speech output**
  - **Preferred engine:** Select the speech synthesis engine you want to use, or change its settings.
  - **Speech rate:** Select how quickly you want the synthesizer to speak.

- **Pitch:** Adjust the tone of spoken text.
- **Reset speech rate:** Reset the speed at which the text is spoken to normal.
- **Reset speech pitch:** Reset the pitch at which the text is spoken to default.
- **Listen to an example:** Play a brief sample of the speech synthesizer using your current settings.
- **Default language status:** Check whether the text-to-speech output feature supports the current system language.

- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

Navigation Key

You can swap the positions of the Back Key and the Recent Apps Key. Select an option to make the switch.

Backup & Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Set the Google account that the data is backed up to.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.

- **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the memory card during the process.

System

Date & Time

Set date, time, time zone, and time format, or use network-provided data (see *Personalizing – Setting the Date and Time*).

Accessibility

Configure the accessibility plug-ins and services on your phone, such as using Color inversion or Font size for low-vision users.

Printing

Configure Google Cloud Print™ service or other printer plug-ins installed from the Google Play Store or your printer manufacturer.

About Phone

View phone status, legal information, and other information. Tap **Software Update > Check for Updates** to check for available software updates for your phone.

Z-community

Visit the ZTE official handset service support website to get answers to specific questions about your phone, participate in bate testing opportunities, or get more self-service.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible Causes	Possible Solution
Poor reception	The network signal is too weak at your current location (for example, in a basement or near a tall building) because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.

Problem	Possible Causes	Possible Solution
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.
Cannot charge the battery	The battery or battery charger is damaged.	Contact the dealer.
	The phone’s temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to ensure that all connections have been properly made.

Problem	Possible Causes	Possible Solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high-temperature environments, battery life will be shortened.	Contact the dealer for a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.

Problem	Possible Causes	Possible Solution
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
nano-SIM card error	The nano-SIM card has malfunctioned or is damaged.	Take the nano-SIM card to your service provider for testing.
	The nano-SIM card is inserted improperly.	Insert the nano-SIM card properly.
	There is debris on the nano-SIM card contacts.	Use a soft, dry cloth to clean the nano-SIM card contacts.
Unable to connect to the network	The nano-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
Cannot answer incoming calls	You have activated the Call blocking feature.	Disable this feature. See *Phone Calls – Adjusting Your Call Settings – Setting Call Blocking.*

Problem	Possible Causes	Possible Solution
Cannot make outgoing calls	You have activated the Fixed Dialing Numbers feature.	Disable this feature. See *Phone Calls – Adjusting Your Call Settings – Using Fixed Dialing Numbers.*
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the nano-SIM card's PUK code, use the PUK code to unlock the nano-SIM card.
Phone crashes, reboots, freezes, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may be causing the problem.
		Upgrade the phone software.
		Reset the phone to factory status.

For Your Safety

General Safety

	Don’t make or receive handheld calls while driving. Never text while driving.		Don’t use at gas stations.
	Keep your phone at least 10 mm (0.4 in.) away from your body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don’t dispose of your phone in fire.
	Your phone can produce a loud sound.		To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your phone near your ear while the loudspeaker is in use.

	Avoid contact with anything magnetic.		Avoid extreme temperatures.
	Keep away from pacemakers and other electronic medical devices.		Avoid contact with liquids. Keep your phone dry.
	Power off when asked to in hospitals and medical facilities.		Don’t take your phone apart.
	Power off when told to in aircrafts and airports.		Only use approved accessories.
	Power off when near explosive materials or liquids.		Don’t rely on your phone for emergency communications.

Radio Frequency (RF) Energy

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0.4 inches (10 mm). Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

This device is complied with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of **www.fcc.gov/oet/ea/fccid** after searching on **FCC ID: SRQ-Z610DL**.

For this device, the highest reported SAR value for usage against the head is **0.93 W/kg**, and for usage near the body is **1.06 W/kg**.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirements.

SAR compliance for body-worn operation is based on a separation distance of 0.4 inches (10 mm) between the unit and the human body. Carry this device at least 0.4 inches (10 mm) away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 0.4 inches (10 mm) between this device and your body.

RF exposure compliance with any body-worn accessory that contains metal was not tested and certified, and use of such body-worn accessory should be avoided.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in

accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants.

Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19- 2011).

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. These ratings are not guaranteed. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear

implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/ higher of the two ratings. (Note that not all hearing devices contain telecoils.)

Your **Z610DL** has been tested for hearing aid device compatibility and has an **M4/T3** rating.

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device.

For additional information about the FCC's actions with regard to hearing aid compatible wireless devices and other steps the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, please go to www.fcc.gov/cgb/dro.

CTIA Requirements

- Do not disassemble or open, crush, bend or deform, puncture or shred the battery.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the device for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short-circuit the phone or allow metallic conductive objects to contact the charging terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only authorized service providers shall replace the battery. (If the battery is non-user replaceable).
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is

dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

- Improper battery use may result in a fire, explosion or other hazard.
- The phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

Distractions

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and

any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep them in a clean place.
- Keep the screen and camera lens clean. An unclean screen or camera lens may slow down the phone's reaction to your operations or interfere with the image quality.
- Clean your phone and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.

- Do not expose or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum 23°F (-5°C) and maximum 122°F (+50°C).
- Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the metal connectors on the nano-SIM card and the microSDXC card.

Antenna

Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area, as an airbag inflates with great force and serious injury could result. Store the phone in a safe and secure area before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician. To reduce the risk of blackouts or seizures, use your phone in a well-lit room

and take frequent breaks.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take frequent breaks to stretch and relax.

Emergency Calls

This phone, like any other wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, *Bluetooth* headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during

normal use.

Electrical Safety

Accessories

Use only approved accessories. Do not connect with incompatible products or accessories. Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the charging port. Never puncture the surface of the phone with sharp objects.

Connection to Vehicles

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories. Only qualified personnel can service or repair the phone or its accessories. If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

Radio Frequency Interference

General Statement on Interference

Care must be taken when using your phone in close proximity to personal medical devices, such as pacemakers and hearing aids. Please consult your doctor and the device manufacturers to determine if the operation of your phone may interfere with the operation of your medical devices.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 cm) be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Equipment

Turn off your wireless device when you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices onboard the aircraft and enable airplane mode of your phone when boarding an aircraft.

Interference in Vehicles

Please note that because of possible interference with electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment. Areas with potentially

explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas where signs are posted to power off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.